

Add comparison symbols to make this correct.

23,753 9,378

79,000 97,000

140,000 410,000

896,555 985,666

Write the value of the Roman numerals.

Roman Numeral	Number
DCCLII	
CDXVII	
XIX	
LXV	
CXXIV	

Round these numbers to the nearest whole number.

a) 5.4 $\approx$ _____

b) 3.18 $\approx$ _____

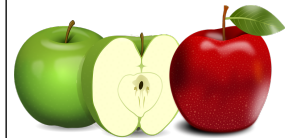
c) 8.49 $\approx$ _____

d) 1.64 $\approx$ _____

e) 0.91 $\approx$ _____

There are 100 apples in a bucket.
62 are green and the rest are red.

What percentage are red?



Complete the sequence.

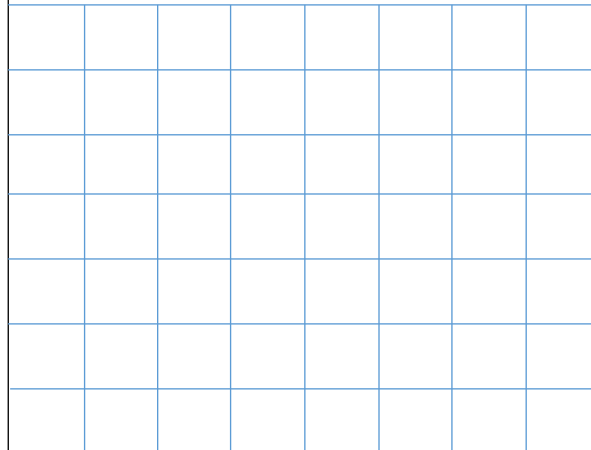
30, 15, 0, _____, _____

12, 7, 2, _____, _____

- 350, - 200, - 50, _____, _____

- 90, - 65, - 40, _____, _____

$$7,856 + 16,502 =$$



One watch costs £15. I spend £150.
How many watches did I buy?

Watches are now, 'Buy 2, Get 1 Free'.
I leave with 12 watches.
How much did I spend if 1 watch is £15?



Add comparison symbols to make this correct.

23,753 > 9,378

79,000 < 97,000

140,000 < 410,000

896,555 < 985,666

Write the value of the Roman numerals.

Roman Numeral	Number
DCCLII	752
CDXVII	417
XIX	19
LXV	65
CXXIV	124

Round these numbers to the nearest whole number.

a) 5.4 $\approx$ 5

b) 3.18 $\approx$ 3

c) 8.49 $\approx$ 8

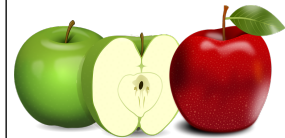
d) 1.64 $\approx$ 2

e) 0.91 $\approx$ 1

There are 100 apples in a bucket.
62 are green and the rest are red.

What percentage are red?

38 %



Complete the sequence.

30, 15, 0, -15 , -30

12, 7, 2, -3 , -8

-350, -200, -50, 100 , 250

-90, -65, -40, -15 , 10

$$7,856 + 16,502 = \span style="border: 1px solid black; padding: 2px 10px;">24,358$$

	+		7	,	8	5	6
		1	6	,	5	0	2
		2	4	,	3	5	8
		1	1				

One watch costs £15. I spend £150.
How many watches did I buy?

10

Watches are now, 'Buy 2, Get 1 Free'.
I leave with 12 watches.
How much did I spend if 1 watch is £15?

£90



Zach has counted
backwards in 5s.

Can you explain the mistake
he has made and correct it?

- 11, - 6, - 1, - 4



Complete the fractions.

$$\frac{\square}{36} + \frac{1}{12} = \frac{5}{6}$$

$$\frac{12}{\square} - \frac{7}{8} = \frac{5}{8}$$

Circle the numbers greater than
63 thousandths.

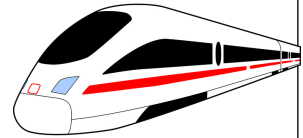
0.63 63 ones

7 tenths 0.008

6.3 0.2

A train travels 100 km
in an hour.

How far does it travel in
150 minutes?



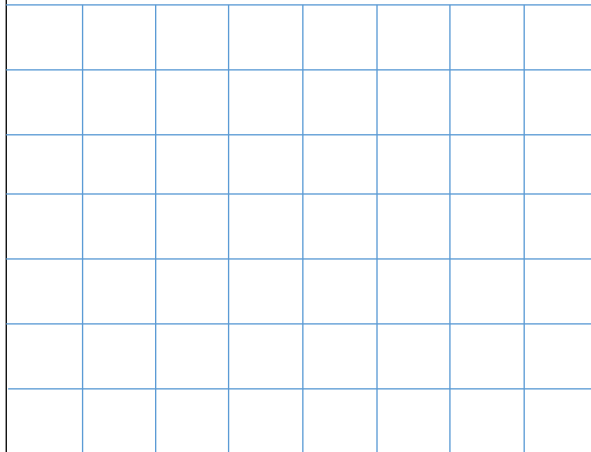
Write these numbers in order from the
smallest to the largest.

36,540

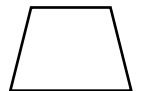
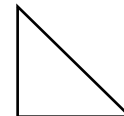
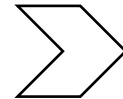
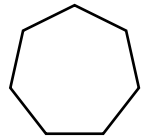
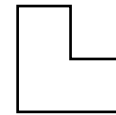
360,450

350,540

$$84,323 - 12,642 =$$



Circle the irregular polygons.



Zach has counted backwards in 5s.

Can you explain the mistake he has made and correct it?

- 11, - 6, - 1, - 4

Zach has counted correctly until he got to negative 1. He counted back 1 number until zero and then instead of counting 1, 2, 3, 4 - he counted backwards through zero.

Complete the fractions.

$$\frac{27}{36} + \frac{1}{12} = \frac{5}{6}$$

$$\frac{12}{8} - \frac{7}{8} = \frac{5}{8}$$

Circle the numbers greater than 63 thousandths.

0.63

63 ones

7 tenths

0.008

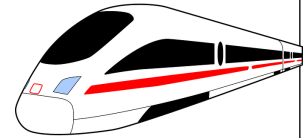
6.3

0.2

A train travels 100 km in an hour.

How far does it travel in 150 minutes?

250 km



Write these numbers in order from the smallest to the largest.

36,540

360,450

350,540

36,540

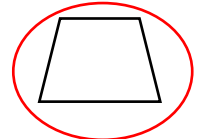
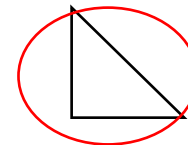
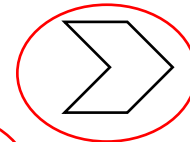
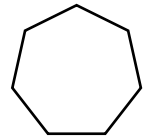
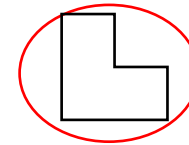
350,540

360,450

$$84,323 - 12,642 = 71,681$$

-	8	4	,	3	2	3	
	1	2	,	6	4	2	
	7	1	,	6	8	1	

Circle the irregular polygons.



Complete the table.

	Round to the nearest 100
24,439	
9,199	
471	

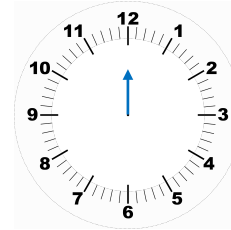
Steph's barrel was 41.75 kg.

She added 3.25 kg of clothes,
and then decided to take out
2.05 kg.

What is the new weight
of the barrel?

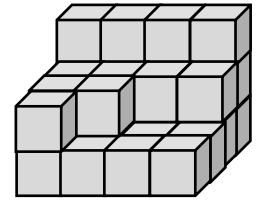


Put the other hand at the
correct place to make an angle
written below.



150°

Malachi wanted to build a big
cube with a volume of 64cm^3 ,
using small cubes.
How many more small cubes
does he need to finish his
model?



Fill in the missing digits.

$$\square\square\square\square + 4,000 = 7,353$$

$$85,262 - \square\square\square\square\square = 262$$

Complete the calculation.

		1	2	,	7	2	4
		+					
		3	5	,	0	2	2

Circle the largest number in each row.

2,450

2,200

2,890

2,699

56,752

55,652

6,752

50,999

7,678

7,341

7,553

76,400

33,333

330,300

3,470

13,980

Complete the table.

	Round to the nearest 100
24,439	24,400
9,199	9,200
471	500

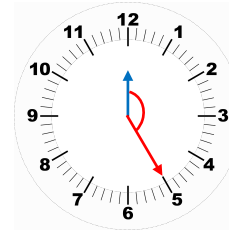
Steph's barrel was 41.75 kg.

She added 3.25 kg of clothes,
and then decided to take out
2.05 kg.

What is the new weight
of the barrel?

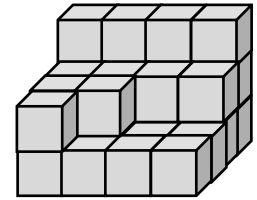
42.95 kg

Put the other hand at the
correct place to make an angle
written below.



150°

Malachi wanted to build a big
cube with a volume of 64cm^3 ,
using small cubes.
How many more small cubes
does he need to finish his
model?



33 small cubes

Fill in the missing digits.

$$\boxed{3}\boxed{3}\boxed{5}\boxed{3} + 4,000 = 7,353$$

$$85,262 - \boxed{8}\boxed{5}\boxed{0}\boxed{0}\boxed{0} = 262$$

Complete the calculation.

		1	2	,	7	2
						4
		+	2	2	,	2
					9	8
			3	5	,	0
					2	2
				1	1	1

Circle the largest number in each row.

2,450	2,200	2,890	2,699
56,752	55,652	6,752	50,999
7,678	7,341	7,553	76,400
33,333	330,300	3,470	13,980

Calculate the answers mentally.

$$150 \times 20 = \boxed{}$$

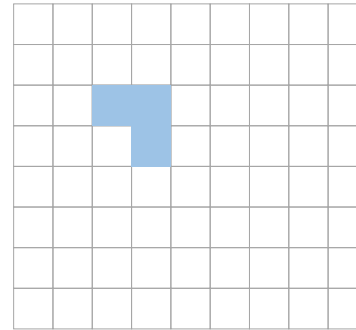
$$19 \times 5 = \boxed{}$$

$$13 \times 100 = \boxed{}$$

Circle all of the prime numbers below.

13 6
 17
 8
 3 21

A shape is translated three squares to the right, two down and three to the left. Draw the new position of this shape.



Partition these numbers.

4.55

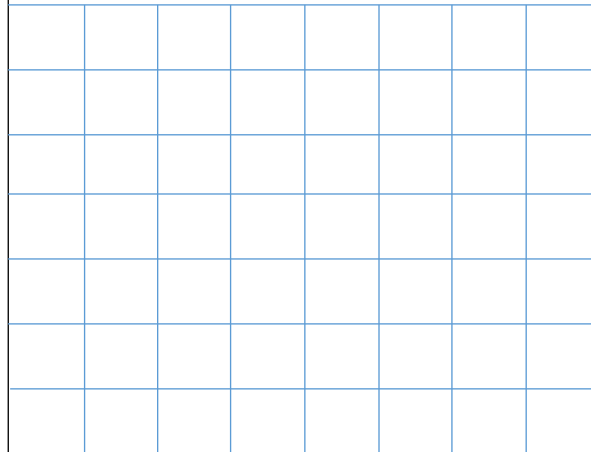
7.262

Emily is making a new rice dish.
For every 25g of rice, she needs 40ml of water and 30ml of vegetable stock.

She uses a total of 210 ml of liquid.
How much rice did she use?



$$34,305 - 465 = \boxed{}$$



Colour the second image to show an equivalent fraction.
Write the fractions under each image.





Calculate the answers mentally.

$$150 \times 20 = \boxed{3,000}$$

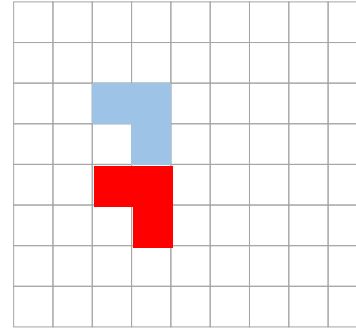
$$19 \times 5 = \boxed{95}$$

$$13 \times 100 = \boxed{1,300}$$

Circle all of the prime numbers below.

13 6 17
8 21
3

A shape is translated three squares to the right, two down and three to the left. Draw the new position of this shape.



Partition these numbers.

4.55

4 ones, 5 tenths, 5 hundredths

7.262

7 ones, 2 tenths, 6 hundredths,
2 thousandths

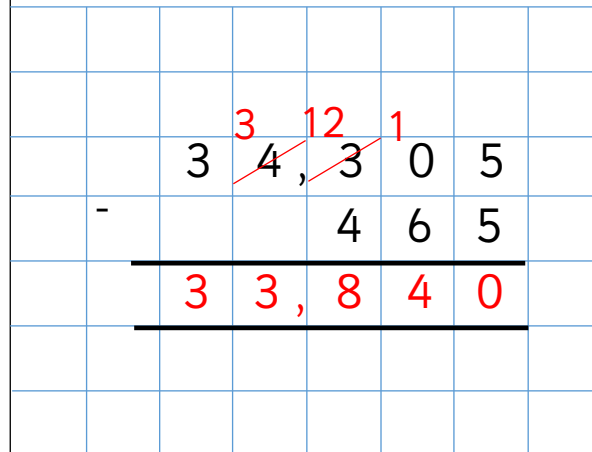
Emily is making a new rice dish.
For every 25g of rice, she needs 40ml of water and 30ml of vegetable stock.

She uses a total of 210 ml of liquid.
How much rice did she use?

75 g



$$34,305 - 465 = \boxed{}$$



Colour the second image to show an equivalent fraction.
Write the fractions under each image.



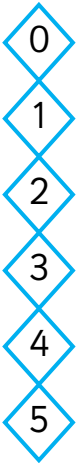
$\frac{4}{12}$



$\frac{3}{9}$

Draw an arrow to match each number to its whole.

3.58



1.9

0.45

4.53

2.71

1.29

Simplify the fractions.

$$\frac{15}{100} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{12}{60} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{48}{18} = \frac{\boxed{}}{\boxed{}}$$

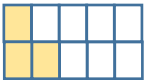
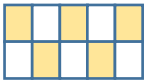
If 1 pint $\approx$ 568 ml,
how many litres are there in:

3 pints $\approx$ l11 pints $\approx$ l4.5 pints $\approx$ l100 pints $\approx$ l

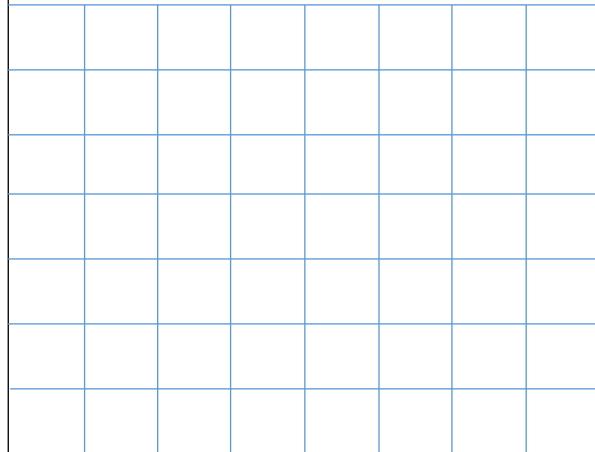
Add the correct comparison sign.
> = <

150° $\frac{2}{3}$ turn60° $\frac{1}{10}$ turn30° $\frac{1}{4}$ turn

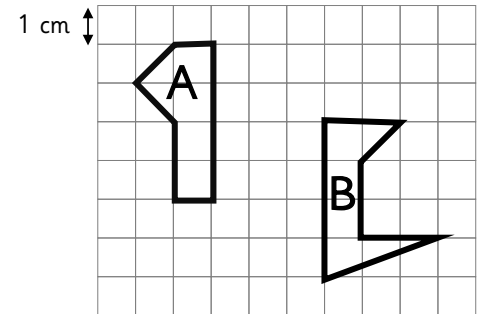
Circle the models that represent $\frac{3}{5}$.



$$451 \times 6 =$$



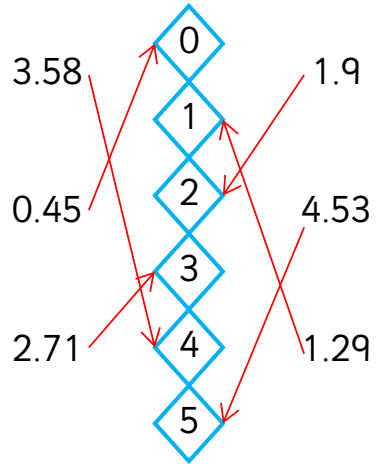
Which shape has the greater area?



Area of A:

Area of B:

Draw an arrow to match each number to its whole.



Simplify the fractions.

$$\frac{15}{100} = \frac{\boxed{3}}{\boxed{20}}$$

$$\frac{12}{60} = \frac{\boxed{1}}{\boxed{5}}$$

$$\frac{48}{18} = \frac{\boxed{8}}{\boxed{3}}$$

If 1 pint $\approx$ 568 ml,
how many litres are there in:

3 pints $\approx$ 1,704 l

11 pints $\approx$ 6,248 l

4.5 pints $\approx$ 2,556 l

100 pints $\approx$ 56,800 l

Add the correct comparison sign.

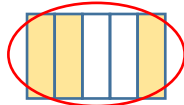
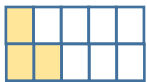
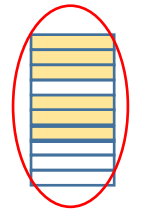
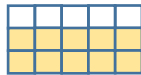
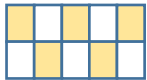
$> = <$

150° $\frac{2}{3}$ turn

$$60^\circ \quad \boxed{>} \quad \frac{1}{10} \text{ turn}$$

$$30^\circ \quad \boxed{<} \quad \frac{1}{4} \text{ turn}$$

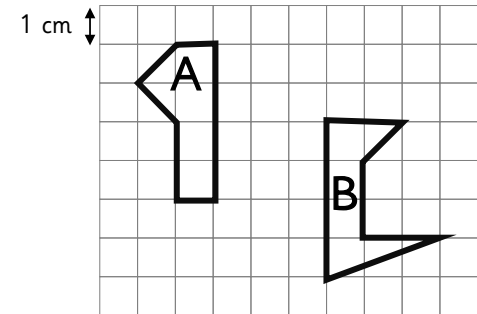
Circle the models that represent $\frac{3}{5}$.



$451 \times 6 =$	1,617
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		4	5	1
x				6
	2, 7	0	6	
		3		

Which shape has the greater area?



Area of A:
5 cm²

Area of B:
5 cm²

Write a full calculation to show the answer.

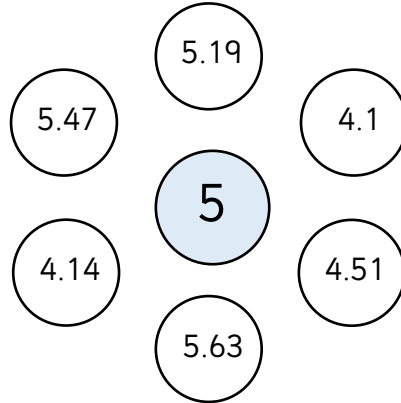
$$6^2 = \boxed{}$$

$$3^3 = \boxed{}$$

$$4^2 = \boxed{}$$

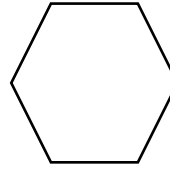
$$2^3 = \boxed{}$$

Shade in the numbers which rounded to the nearest whole are 5.



Here is a regular hexagon.
Its perimeter is 42 cm.

Find the length of the sides.



Circle the number of months greater than 3.5 years.

25 months 35 months

45 months

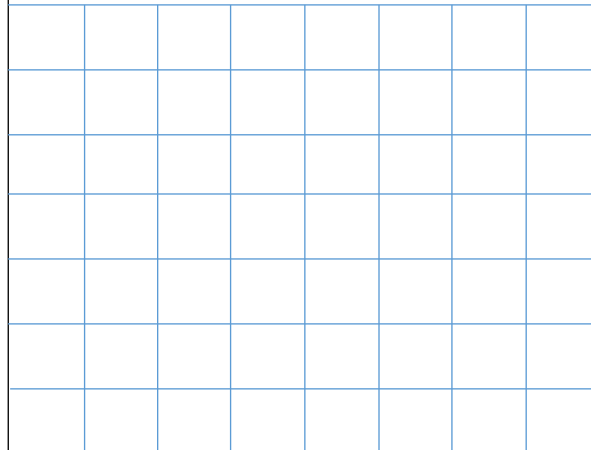
15 months 20 months

Calculate the answer mentally.

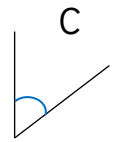
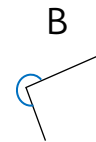
What is sixty-nine thousand subtract twelve thousand and eleven?

What is four thousand, three hundred and five add thirty thousand and two?

$$63 \div 6 =$$



Put these angles in order from the smallest to the greatest.



Write a full calculation to show the answer.

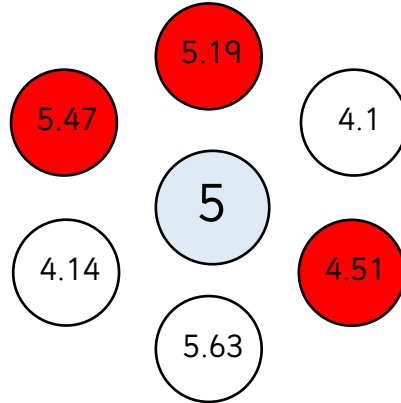
$$6^2 = 6 \times 6 = 36$$

$$3^3 = 3 \times 3 \times 3 = 27$$

$$4^2 = 4 \times 4 = 16$$

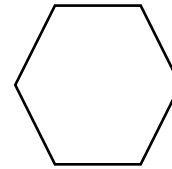
$$2^3 = 2 \times 2 \times 2 = 8$$

Shade in the numbers which rounded to the nearest whole are 5.



Here is a regular hexagon.
Its perimeter is 42 cm.

Find the length of the sides.



7 cm

Circle the number of months greater than 3.5 years.

25 months

35 months

45 months

15 months

20 months

Calculate the answer mentally.

What is sixty-nine thousand subtract twelve thousand and eleven?

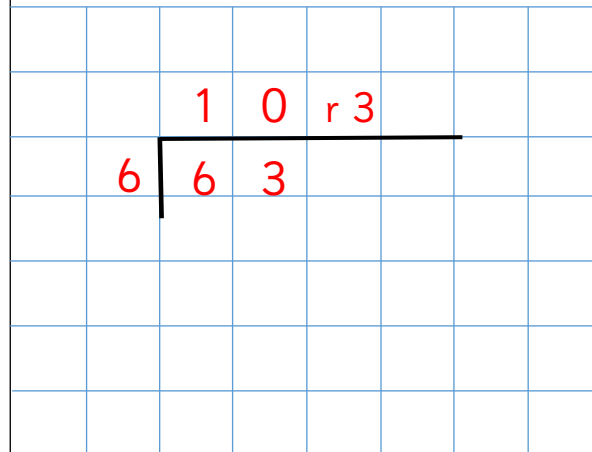
56,989

What is four thousand, three hundred and five add thirty thousand and two?

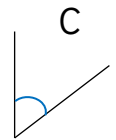
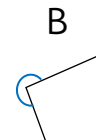
34,307

$$63 \div 6 =$$

10 r 3



Put these angles in order from the smallest to the greatest.



C

A

B

Calculate the answers mentally.

$$3,456 \div 100 = \boxed{}$$

$$27 \div 10 = \boxed{}$$

$$78 \div 100 = \boxed{}$$

Add the correct comparison sign.

> = <

$$3.54 \quad \bigcirc \quad 3.45$$

$$30.507 \quad \bigcirc \quad 3.607$$

$$1.45 \quad \bigcirc \quad 1.450$$

$$28.099 \quad \bigcirc \quad 28.990$$

Convert the following lengths.

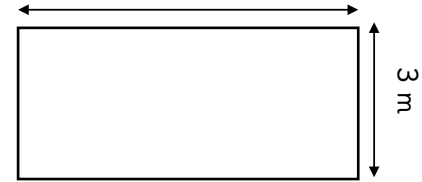
$$9 \text{ km} = \boxed{} \text{ m}$$

$$250 \text{ cm} = \boxed{} \text{ m}$$

$$455 \text{ mm} = \boxed{} \text{ cm}$$

$$32 \text{ m} = \boxed{} \text{ cm}$$

10 m



How many 2 m² tiles are needed for covering this wall?

Write the answer as a mixed number.

$$\begin{array}{|c|c|c|c|} \hline \text{rod} & \text{rod} & \text{rod} & \text{rod} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{rod} \\ \hline \end{array} = \boxed{} \frac{\boxed{}}{\boxed{}}$$

$$\begin{array}{|c|c|} \hline \text{rod} & \text{rod} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{rod} \\ \hline \end{array} = \boxed{} \frac{\boxed{}}{\boxed{}}$$

$$\begin{array}{|c|c|} \hline \text{rod} & \text{rod} \\ \hline \end{array} + \begin{array}{|c|c|c|} \hline \text{rod} & \text{rod} & \text{rod} \\ \hline \end{array} = \boxed{} \frac{\boxed{}}{\boxed{}}$$

Pencils are sold in packs of 8.

Maya needs 175 pencils.

How many packs does she need to buy?

I add 2 cubed numbers together,
the total is 28.

What are the cubed numbers?

I add 4 cubed numbers together,
the total is 32.

What are the cubed numbers?

Calculate the answers mentally.

$$3,456 \div 100 = \boxed{34.56}$$

$$27 \div 10 = \boxed{2.7}$$

$$78 \div 100 = \boxed{0.78}$$

Add the correct comparison sign.

> = <

$$3.54 > 3.45$$

$$30.507 > 3.607$$

$$1.45 = 1.450$$

$$28.099 < 28.990$$

Convert the following lengths.

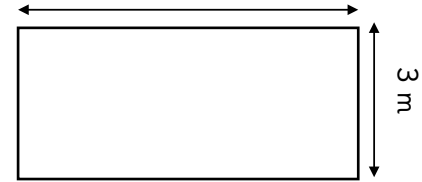
$$9 \text{ km} = \boxed{9,000 \text{ m}}$$

$$250 \text{ cm} = \boxed{2.5 \text{ m}}$$

$$455 \text{ mm} = \boxed{45.5 \text{ cm}}$$

$$32 \text{ m} = \boxed{3,200 \text{ cm}}$$

10 m

How many 2 m² tiles are needed for covering this wall?

15

Write the answer as a mixed number.

$$4 \frac{2}{5}$$

$$2 \frac{4}{5}$$

$$4 \frac{3}{5}$$

Pencils are sold in packs of 8.

Maya needs 175 pencils.

How many packs does she need to buy?

22

		0	2	1	r	7	
	8	1	¹ 7	¹ 5			

I add 2 cubed numbers together, the total is 28.

What are the cubed numbers?

1

3

I add 4 cubed numbers together, the total is 32.

What are the cubed numbers?

2

2

2

2

Add the correct comparison sign.

> = <

$$\frac{3}{8} \quad \square \quad \frac{5}{24}$$

$$\frac{7}{9} \quad \square \quad \frac{28}{36}$$

$$\frac{11}{10} \quad \square \quad \frac{11}{5}$$

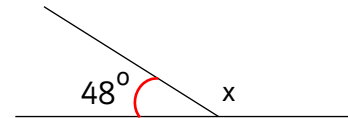
Calculate the answer mentally.

$$5,678 - 2,400 =$$

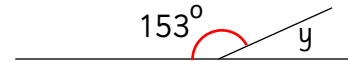
$$3,830 + 4,100 =$$

$$68,123 - 8,000 =$$

Calculate the missing angles.



$$x = \square^\circ$$



$$y = \square^\circ$$

If 1 kg $\approx$ 2 pounds,
mark the mass smaller than
28 pounds.

a) 28 kg

☐

b) 56 kg

☐

c) 13 kg

☐

d) 25 kg

☐

Circle the longer distance.

a) 2.2 km or 220 m

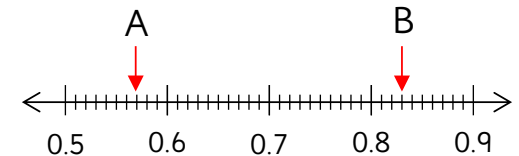
b) 0.63 km or 6,300 m

c) 10.01 km or 1,001 m

d) 788 m or 7.88 km

$$245 \times 27 =$$

Find the missing values.



$$A = \frac{\square}{\square}$$

$$B = \frac{\square}{\square}$$

Add the correct comparison sign.

> = <

$$\frac{3}{8} \quad \boxed{>} \quad \frac{5}{24}$$

$$\frac{7}{9} \quad \boxed{=} \quad \frac{28}{36}$$

$$\frac{11}{10} \quad \boxed{<} \quad \frac{11}{5}$$

Calculate the answer mentally.

$$5,678 - 2,400 =$$

$$\boxed{3,278}$$

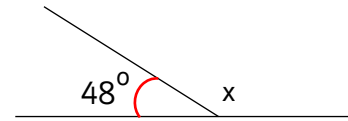
$$3,830 + 4,100 =$$

$$\boxed{7,930}$$

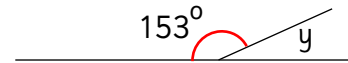
$$68,123 - 8,000 =$$

$$\boxed{60,123}$$

Calculate the missing angles.



$$\boxed{x = 132^\circ}$$



$$\boxed{y = 27^\circ}$$

If 1 kg $\approx$ 2 pounds,
mark the mass smaller than
28 pounds.

a) 28 kg

☐

b) 56 kg

☐

c) 13 kg

☒

d) 25 kg

☐

Circle the longer distance.

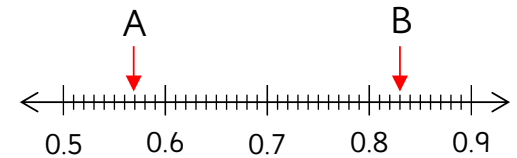
a) 2.2 km or 220 mb) 0.63 km or 6,300 mc) 10.01 km or 1,001 md) 788 m or 7.88 km

$$245 \times 27 =$$

$$\boxed{6,615}$$

				2	4	5	
				2	7		
		x					
				1	7	1	5
				4	9	0	0
				6	6	1	5

Find the missing values.



$$A = \frac{\boxed{57}}{\boxed{100}}$$

$$B = \frac{\boxed{83}}{\boxed{100}}$$

Calculate the answers mentally.

$180 \div 20 =$

$30 \times 8 =$

$250 \div 100 =$

Write the time.

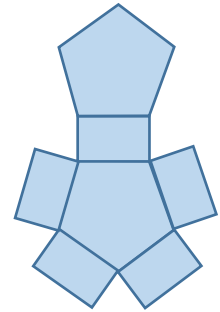
40 minutes after 9.50

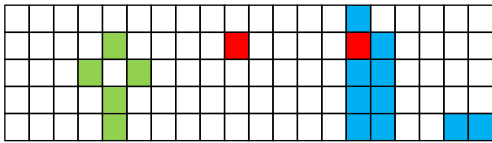
1 hour 15 minutes earlier than 20.35

Circle the squared numbers.

8 49
15 9 1
2 16
35 4

Look at the net below and name the 3-D shape it will create.





What percentage of the rectangle is

green

 ,

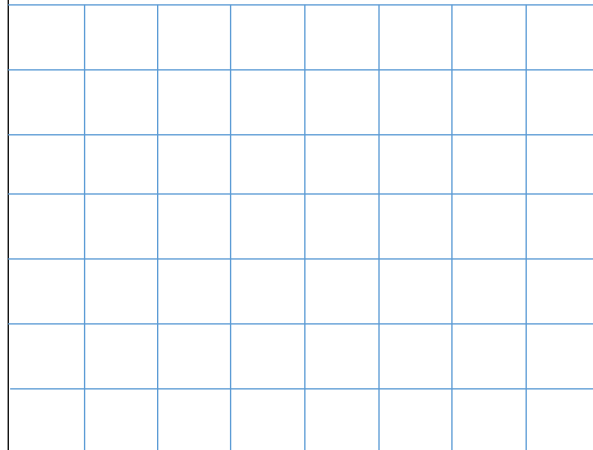
red

 ,

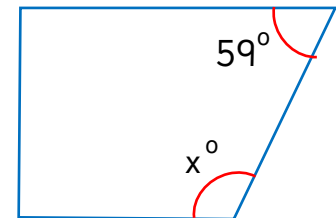
blue

 ?

$4,621 \times 46 =$



Find the missing angle.



$x =$

°

Calculate the answers mentally.

$$180 \div 20 = \boxed{9}$$

$30 \times 8 =$	240
-----------------	-----

$$250 \div 100 = 2.5$$

Write the time.

40 minutes after 9.50

10.30

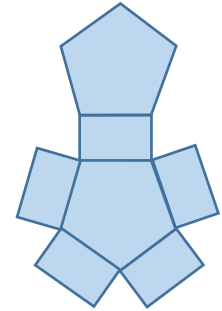
1 hour 15 minutes earlier
than 20.35

19.20

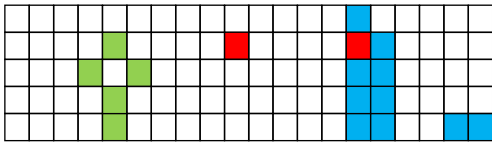
Circle the squared numbers.

8
15
2
35
49
9
1
16
4

Look at the net below and name the 3-D shape it will create.



Pentagonal prism



What percentage of the rectangle is

green	5	,
-------	---	---

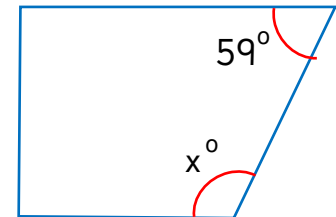
red	2	,
-----	---	---

blue	10	?
------	----	---

$$4,621 \times 46 = 212,566$$

		4 ,	6	2	1		
	x			4	6		
	2	7 ,	7	2	6		
1	8	4 ,	8	4	0		
2	1	2 ,	5	6	6		

Find the missing angle.



$$x = 121^0$$

Calculate the answer mentally.

$$23,562 + 13,208 =$$

$$87,420 - 7,307 =$$

$$90,000 + 4,290 =$$

Complete the table.

	Round to the nearest 10
2,347	
89	
35,323	

Circle the numbers smaller than 3.422.

3.420

35 tenths

2.556

3.444

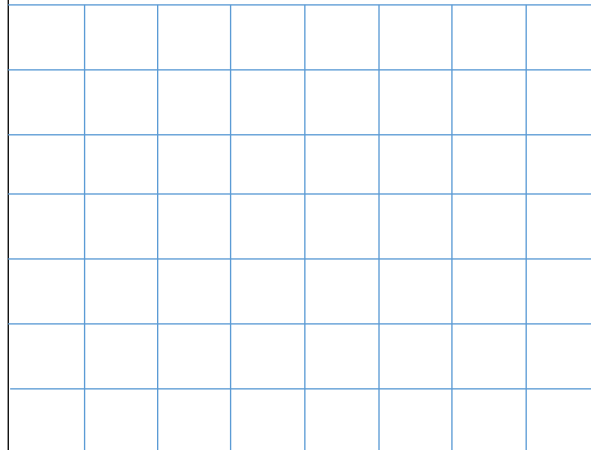
3 ones, 5 hundredths

Zach's father drove 12.9 km of the 94.7 km highway.

How much further does he have to drive?

Draw an obtuse angle that measures 150° but less than 130° with the arms of the angle 3.5 cm long.

$$3,283 \times 7 =$$



Write as a fraction with denominator 100.

$$30\% = \frac{\boxed{}}{\boxed{}}$$

$$100\% = \frac{\boxed{}}{\boxed{}}$$

$$2\% = \frac{\boxed{}}{\boxed{}}$$

$$50\% = \frac{\boxed{}}{\boxed{}}$$

Calculate the answer mentally.

$$23,562 + 13,208 =$$

36,770

$$87,420 - 7,307 =$$

80,113

$$90,000 + 4,290 =$$

94,290

Complete the table.

	Round to the nearest 10
2,347	2,350
89	90
35,323	35,320

Circle the numbers smaller than 3.422.

35 tenths

3.420

2.556

3.444

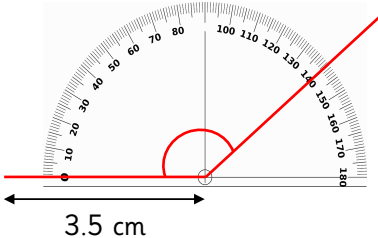
3 ones, 5 hundredths

Zach's father drove 12.9 km of the 94.7 km highway.

How much further does he have to drive?

81.8 km

Draw an obtuse angle that measures 150° but less than 130° with the arms of the angle 3.5 cm long.



$$3,283 \times 7 =$$

22,981

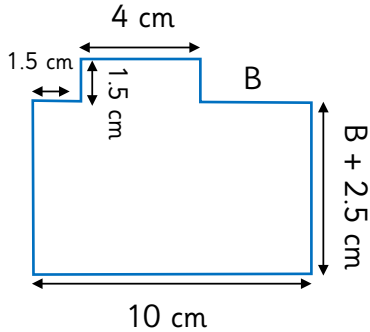
		3	,	2	8	3	
	x					7	
		2	2	,	9	8	1
		1	5	2			

Write as a fraction with denominator 100.

$$30\% = \frac{30}{100} \quad 100\% = \frac{100}{100}$$

$$2\% = \frac{2}{100} \quad 50\% = \frac{50}{100}$$

Calculate the length of the missing sides.



Shade in the correct estimate to the answer.

$$13,476 + 6,620 =$$

35,000

19,000

20,000

7,000

22,000

If 1 inch $\approx$ 2.5 cm, circle the length smaller than 25 cm.

11 inches

25 inches

18 inches

4 inches

27 inches

What is the value of the number underlined?

3,54240,21712,458192,339

The table shows the journey from home to school for each child. Complete it.

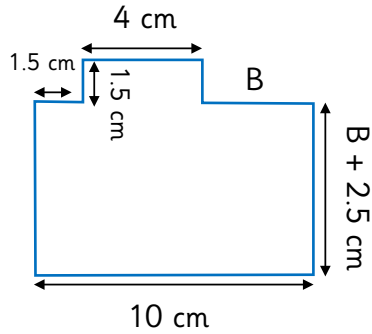
Child	Start time	Finish time	Journey time
Tia	07:28	07:52	
Rosie	07:35		12 minutes
Zach		07:46	39 minutes
Esin	06:41	07:54	

$$348 \div 3 =$$

Draw lines to match the equivalent fractions.

 $\frac{1}{3}$ $\frac{4}{7}$ $\frac{20}{48}$ $\frac{5}{12}$ $\frac{12}{21}$ $\frac{2}{6}$ $\frac{2}{7}$ $\frac{4}{14}$

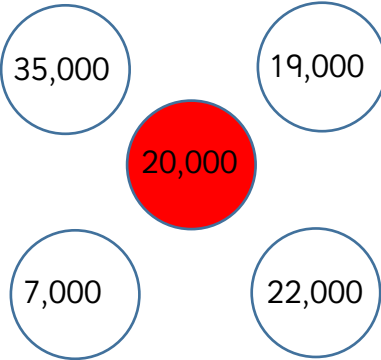
Calculate the length of the missing sides.



$B = 4.5 \text{ cm}$, so
 $B + 2.5 \text{ cm} = 7 \text{ cm}$

Shade in the correct estimate to the answer.

$$13,476 + 6,620 =$$



If 1 inch $\approx$ 2.5 cm, circle the length smaller than 25 cm.

11 inches 25 inches
 18 inches
4 inches 27 inches

What is the value of the number underlined?

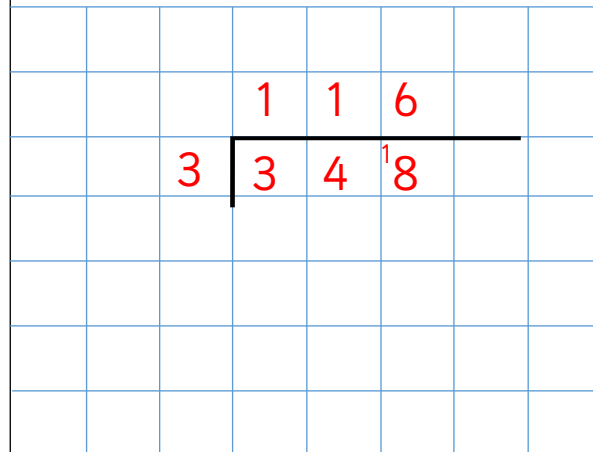
3,542 5 hundred
40,217 Forty thousand
 12,458 Eight
 192,339 Thirty

The table shows the journey from home to school for each child. Complete it.

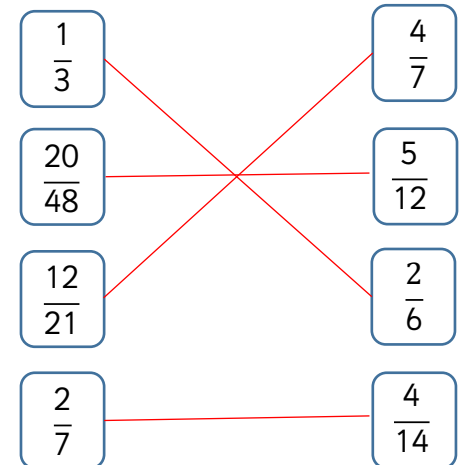
Child	Start time	Finish time	Journey time
Tia	07:28	07:52	<u>24 minutes</u>
Rosie	07:35	<u>07:47</u>	12 minutes
Zach	<u>07:07</u>	07:46	39 minutes
Esin	06:41	07:54	<u>13 minutes</u>

$$348 \div 3 =$$

116



Draw lines to match the equivalent fractions.



Find the missing numbers.

$$\frac{1}{4} = \frac{\boxed{}}{20}$$

$$\frac{\boxed{}}{27} = \frac{2}{9}$$

$$\frac{1}{5} = \frac{13}{\boxed{}}$$

Write the numbers in Roman Numerals.

Number	Roman Numeral
24	
255	
66	
848	
333	

Draw lines to match the cubed numbers.

$$3^3$$

$$5^3$$

$$6^3$$

$$1^3$$

125

44

27

216

1

33

Flowers cost 85p per bunch.
How much will it cost for 8 bunches?

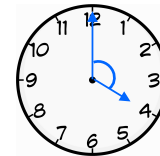

Shade all of the numbers which give 5,000 when rounded to the nearest 1,000.



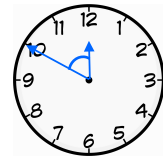
$$247 + 44,444 = \boxed{}$$



Label the shown angles in degrees.



0



0

Find the missing numbers.

$$\frac{1}{4} = \frac{5}{20}$$

$$\frac{\boxed{6}}{27} = \frac{2}{9}$$

$$\frac{1}{5} = \frac{13}{65}$$

Write the numbers in Roman Numerals.

Number	Roman Numeral
24	XXIV
255	CCLV
66	LXVI
848	DCCCXLVIII
333	CCCXXXIII

Draw lines to match the cubed numbers.

3³ 125

5³ 44

6³ 27

1³ 216

1 33

Flowers cost 85p per bunch.
How much will it cost for 8 bunches?

£6.80



Shade all of the numbers which give 5,000 when rounded to the nearest 1,000.

5,861 4,005 6,001

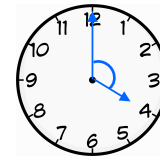
5,249 4,761

5,499 4,500 5,500

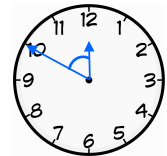
$$247 + 44,444 = 44,691$$

	+			2	4	7	
		4	4	,	4	4	4
		<u>4</u>	<u>4</u>	,	<u>6</u>	<u>9</u>	<u>1</u>
					1		

Label the shown angles in degrees.

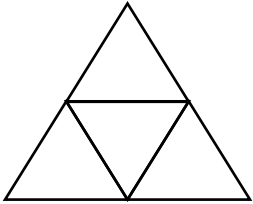


120 °



60 0

The shape below is made of three equilateral triangles. Its perimeter is 24 m.



The side length of each triangle is:

Complete the calculations below.

$$8^2 - 4^3 = \boxed{}$$

$$3^3 + 5^2 = \boxed{}$$

$\frac{3}{4}$ of the students in a class are boys.

What percentage are girls?

Round these numbers to the nearest tenth.

1.03 $\approx$ _____

17.55 $\approx$ _____

42.37 $\approx$ _____

4.99 $\approx$ _____

9.09 $\approx$ _____

Look at the children below. The number represents the month they were born. Circle the child who was born in summer.



VII



X



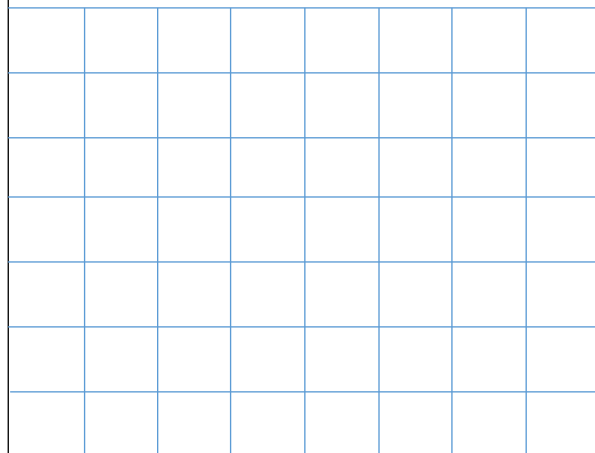
III



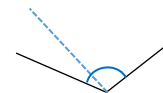
XII

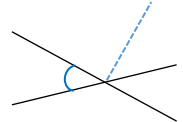
Write the year you were born in Roman numerals.

$$6,247 \div 5 = \boxed{}$$

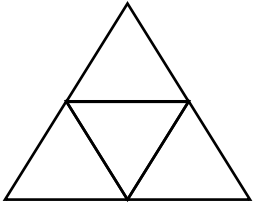


Estimate the size of each angle and then measure them to check your accuracy.





The shape below is made of three equilateral triangles. Its perimeter is 24 m.



The side length of each triangle is:

4 m

Complete the calculations below.

$$8^2 - 4^3 = \boxed{0}$$

$$3^3 + 5^2 = \boxed{52}$$

$\frac{3}{4}$ of the students in a class are boys.

What percentage are girls?

25%

Round these numbers to the nearest tenth.

1.03 $\approx$ 1.0 (1)

17.55 $\approx$ 17.6

42.37 $\approx$ 42.4

4.99 $\approx$ 5.0 (5)

9.09 $\approx$ 9.1

Look at the children below. The number represents the month they were born. Circle the child who was born in summer.



VII



X



III



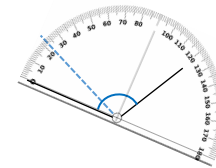
XII

Write the year you were born in Roman numerals.

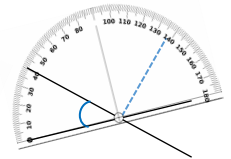
$$6,247 \div 5 = \boxed{1,249 \text{ r } 2}$$

$$\begin{array}{r} 1,249 \text{ r } 2 \\ 5 \overline{) 6,247} \\ \underline{5} \\ 12 \\ \underline{10} \\ 24 \\ \underline{20} \\ 47 \\ \underline{45} \\ 2 \end{array}$$

Estimate the size of each angle and then measure them to check your accuracy.



120°



40°

Add the correct comparison sign.

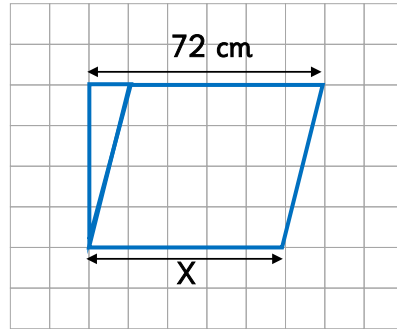
$> = <$

$$4^2 \quad \boxed{} \quad 64$$

$$8^3 \quad \boxed{} \quad 8 \times 8$$

$$2^2 + 3^2 \quad \boxed{} \quad 5^2$$

Find the missing side.



Circle a number equivalent to

$$\frac{4}{100}$$

4.1

0.4

0.04

0.41

1.4

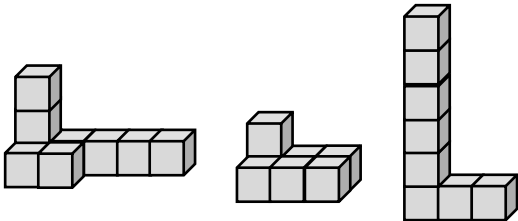
0.004

Anne eats 4 pieces of fruit everyday.

How much fruit does she eat in a year?



Put the shapes in ascending order based on their volume.



The price of a multipack of 8 crisps are £4.24. How much is one pack of crisps?

Put each of these numbers in the place value chart.

- a) Five ones, twenty three hundredths
- b) 7 thousandths
- c) 213 tenths

1	10	100	1,000

Add the correct comparison sign.

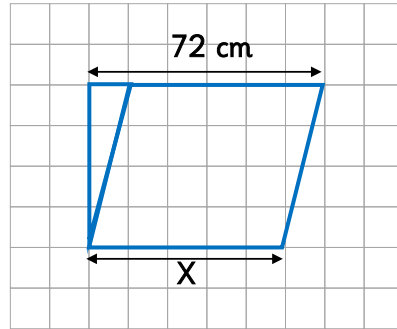
> = <

$$4^2 \quad \boxed{<} \quad 64$$

$$8^3 \quad \boxed{>} \quad 8 \times 8$$

$$2^2 + 3^2 \quad \boxed{<} \quad 5^2$$

Find the missing side.



$$X = 60 \text{ cm}$$

Circle a number equivalent to

$$\frac{4}{100}$$

4.1

0.4

0.04

0.41

1.4

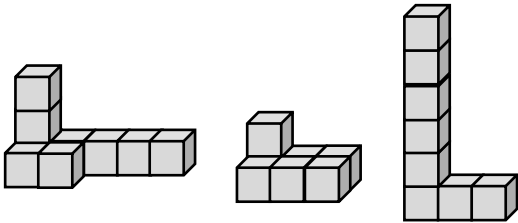
0.004

Anne eats 4 pieces of fruit everyday.
How much fruit does she eat in a year?

$$4 \times 355 = 1,420$$



Put the shapes in ascending order based on their volume.



3.

1.

2.

The price of a multipack of 8 crisps are £4.24. How much is one pack of crisps?

53p

		0	5	3			
8	4	4	2	2	4		

Put each of these numbers in the place value chart.

- a) Five ones, twenty three hundredths
- b) 7 thousandths
- c) 213 tenths

1	10	100	1,000
5	2	3	
0	0	0	7
21	3		

If you ordered these numbers from smallest to largest, which number would be third?

74,138

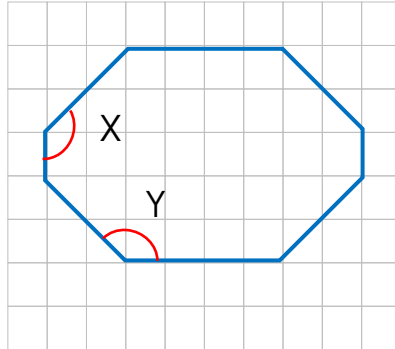
69,831

648,110

754,007

699,999

Calculate angles X and Y.



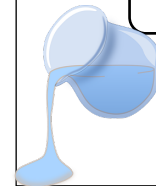
I add 2 squared numbers together, the total is 90.
What are the squared numbers?

I add 3 squared numbers together, the total is 30.
What are the squared numbers?

A water jug contains 2.65 litres of water.

Then were added 250 ml.

How much water is there in the water jug now?



Write the following decimal numbers as fractions.

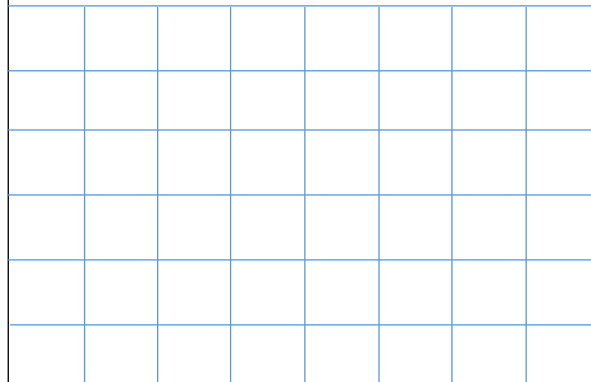
$$0.5 = \frac{\boxed{}}{\boxed{}}$$

$$0.22 = \frac{\boxed{}}{\boxed{}}$$

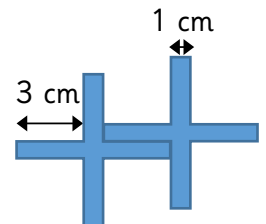
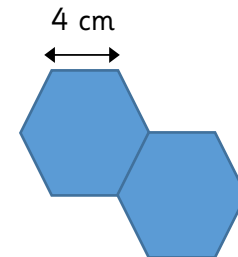
$$0.75 = \frac{\boxed{}}{\boxed{}}$$

$$0.09 = \frac{\boxed{}}{\boxed{}}$$

What is 42,200 less than 74,120?



Which shape has the greater perimeter?
Calculate it.



If you ordered these numbers from smallest to largest, which number would be third?

74,138

69,831

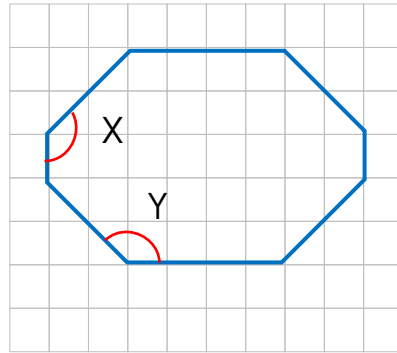
648,110

754,007

699,999

648,110

Calculate angles X and Y.


$$X = 135^{\circ} \quad Y = 135^{\circ}$$

I add 2 squared numbers together, the total is 90.
What are the squared numbers?

3

9

I add 3 squared numbers together, the total is 30. What are the squared numbers?

1

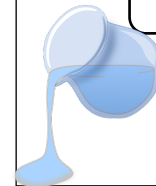
2

(5)

A water jug contains 2.65 litres
of water.
Then were added 250 ml.

How much water is there in the water jug now?

2.9l



Write the following decimal numbers
as fractions.

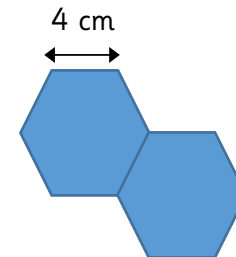
$$0.5 = \frac{5}{10} \quad 0.22 = \frac{22}{100}$$
$$0.22 = \frac{22}{100}$$
$$0.75 = \frac{75}{100} \quad 0.09 = \frac{9}{100}$$
$$0.09 = \frac{\quad}{100}$$

What is 42,200 less than 74,120?

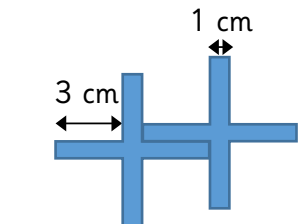
31,920

			3	1				
		7	4	1	2	0		
-		4	2	2	0	0		
		3	1	9	2	0		

Which shape has the greater perimeter?
Calculate it.



40 cm



43 cm

Fill in a missing number with the same amount of digits to make the statement correct.

$$43,570 > \boxed{}$$

$$\boxed{} > 190,329$$

$$\boxed{} < 98,000$$

$$788,999 < \boxed{}$$

Complete the table.

Days	Weeks and days
31	
	5 weeks
	1 week and 8 day
54	

Circle the biggest fraction.

$$2\frac{4}{5}$$

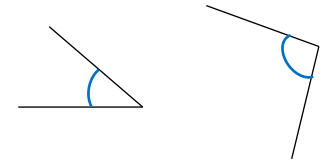
$$1\frac{13}{25}$$

$$\frac{8}{15}$$

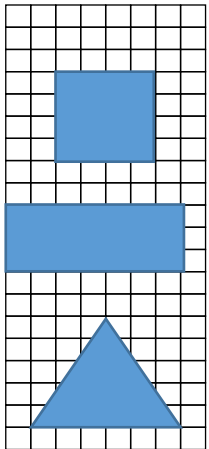
$$\frac{11}{10}$$

$$\frac{23}{5}$$

Draw angles that are 60° larger than these:



Match the shape to its area.

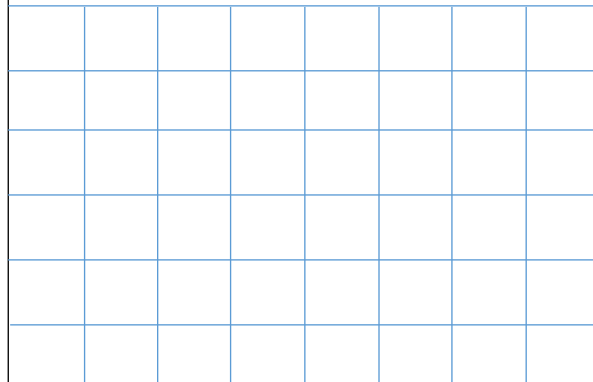


21 cm

15 cm

16 cm

What is 78,153 more than 13,855?



Look at what the aliens are worth. Use this to solve the calculations mentally.



11,400



1,140



30,600



24,440



+



=



-



=

Fill in a missing number with the same amount of digits to make the statement correct.

E.g.

$$43,570 > \boxed{42,570}$$

$$\boxed{199,400} > 190,329$$

$$\boxed{53,120} < 98,000$$

$$788,999 < \boxed{812,233}$$

Complete the table.

Days	Weeks and days
31	4 weeks and 3 days
35	5 weeks
15	1 week and 8 day
54	7 weeks and 5 days

Circle the biggest fraction.

$$2\frac{4}{5}$$

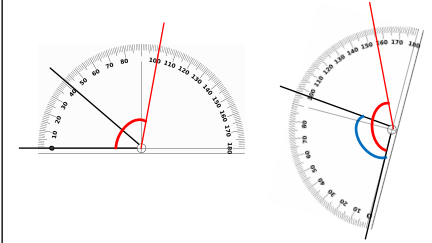
$$1\frac{13}{25}$$

$$\frac{8}{15}$$

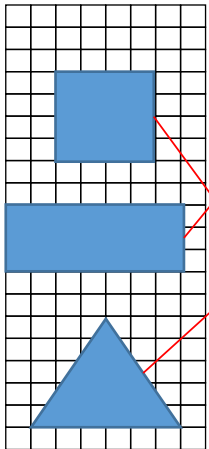
$$\frac{11}{10}$$

$$\frac{23}{5}$$

Draw angles that are 60° larger than these:



Match the shape to its area.



21 cm

15 cm

16 cm

What is 78,153 more than 13,855?

92,008

	+	1	3	,	8	5	5
		7	8	,	1	5	3
		9	2	,	0	0	8
		1	1	1			

Look at what the aliens are worth. Use this to solve the calculations mentally.



11,400



1,140



30,600



24,440



+



=

42,000



-



=

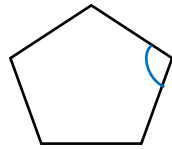
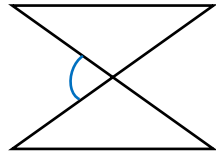
23,300

If I count in ten thousands from the number 500,712, I will say the number 560,712 and 620,712.

True or False?

Explain your answer.

Use a protractor to measure the marked angles.


 0

 0

Add the correct comparison sign.

$324 - 108$ 6^3

$480 \div 3$ 25×5

$965 + 335$ 40^2

Place these numbers in ascending order.

3.420 5.87

5.871 7.016

7.007 4.230

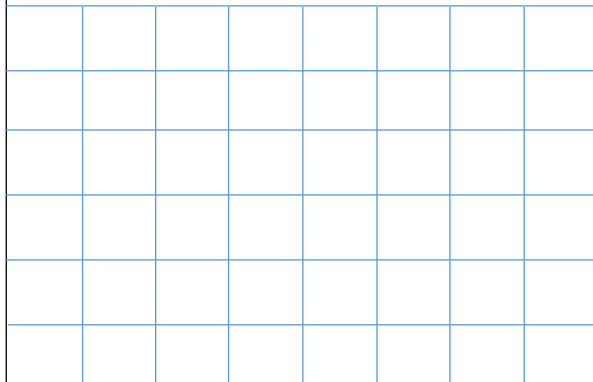
Emily sells her roses for 45p per rose.

She makes £23.4.

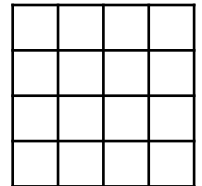
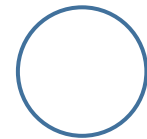
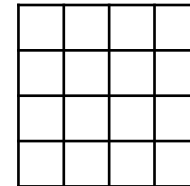
How many roses did she sell?



What is three hundred forty-six multiplied by twenty-eight?



Colour the models to show $\frac{5}{16}$ and $\frac{3}{4}$.



Compare them using $<$, $>$ or $=$.

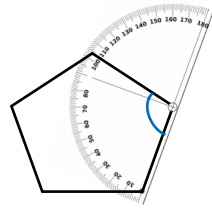
If I count in ten thousands from the number 500,712, I will say the number 560,712 and 620,712.

True or False?

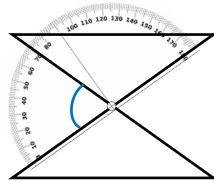
Explain your answer.

True, because 560,712 has had 60,000 added to the original number, which is a multiple of 10,000. 620,712 has had 120,000 added to the original number, which is a multiple of 10,000.

Use a protractor to measure the marked angles.



103°



70°

Add the correct comparison sign.

$$324 - 108 \quad = \quad 6^3$$

$$480 \div 3 \quad > \quad 25 \times 5$$

$$965 + 335 \quad < \quad 40^2$$

Place these numbers in ascending order.

3.420 5.87

5.871 7.016

7.007 4.230

3.420, 4.230, 5.87,
5.871, 7.007,
7.016

Emily sells her roses for 45p per rose.

She makes £23.4.

How many roses did she sell?

52 roses

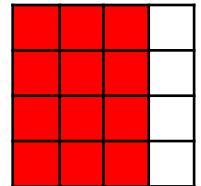
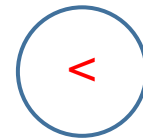
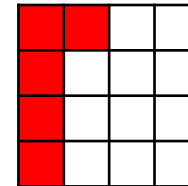


What is three hundred forty-six multiplied by twenty-eight?

9,688

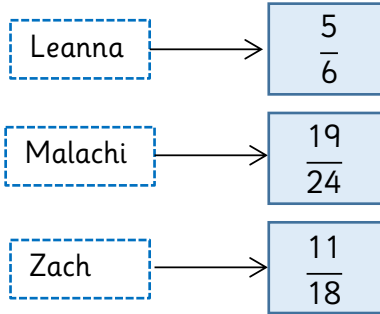
			3	4	6		
	x			2	8		
		2	,	7	6	8	
		6	,	9	2	0	
		9	,	6	8	8	

Colour the models to show $\frac{5}{16}$ and $\frac{3}{4}$.



Compare them using < , > or =.

Leanna, Malachi and Zach had a maths test. Their score is below.



Who has the best score?
Whose score is the lowest?

If I square a number, the answer is 49.

What is the number?

If I cube a number, the answer is 27.

What is the number?

Convert these lengths into centimetres.

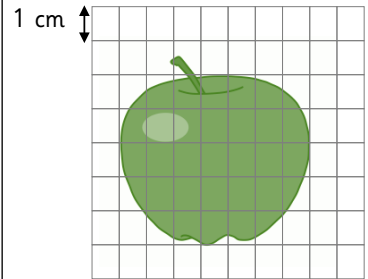
3 m = cm

0.4 m = cm

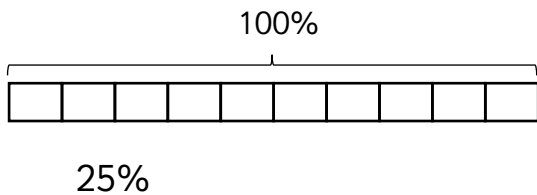
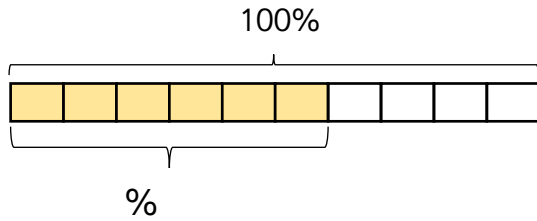
6.5 m = cm

35 m = cm

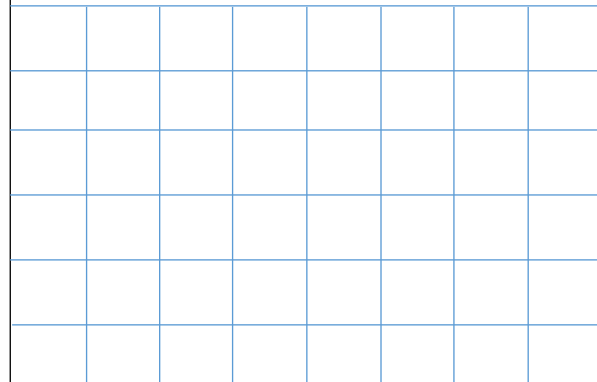
Estimate the area of the shape below.



Complete the bar models.



What is 3,960 divided by 8?

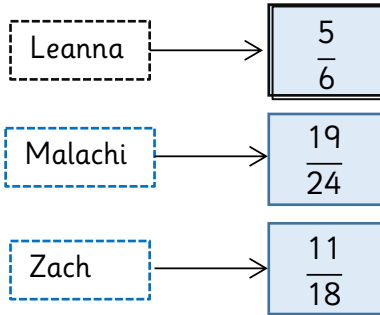


Complete the sentences.

There are _____ angles of 45 degrees on the straight line.

There are _____ degrees in one whole turn.

Leanna, Malachi and Zach had a maths test. Their score is below.



Who has the best score? **Leanna**
Whose score is the lowest? **Zach**

If I square a number, the answer is 49.

What is the number?

7

If I cube a number, the answer is 27.

What is the number?

3

Convert these lengths into centimetres.

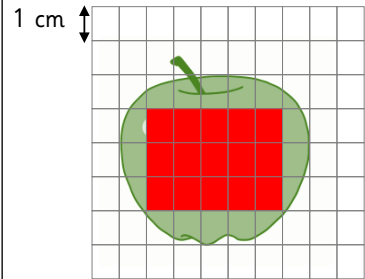
3 m = **300 cm**

0.4 m = **40 cm**

6.5 m = **650 cm**

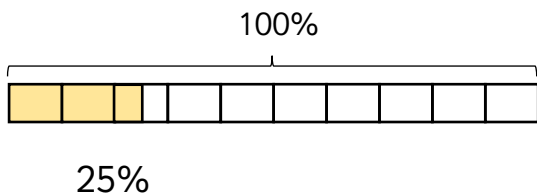
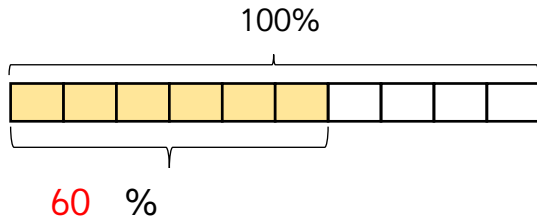
35 m = **3,500 cm**

Estimate the area of the shape below.



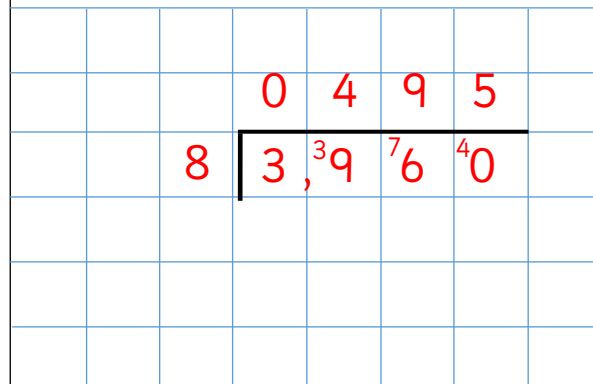
Approximately 28 cm²

Complete the bar models.



What is 3,960 divided by 8?

495



Complete the sentences.

There are **4** angles of 45 degrees on the straight line.

There are **360** degrees in one whole turn.

Fill in the missing denominator.

$$\frac{1}{3} \quad \frac{8}{\boxed{}} \quad \frac{3}{9}$$

$$\frac{2}{\boxed{}} \quad 1\frac{7}{7} \quad \frac{8}{4}$$

If 1 kg $\approx$ 2 pounds,
how many kilograms are there in:

$$30 \text{ pounds} \approx \boxed{} \text{ kg}$$

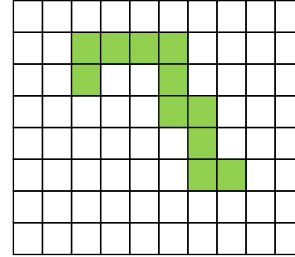
$$25 \text{ pounds} \approx \boxed{} \text{ kg}$$

$$10.5 \text{ pounds} \approx \boxed{} \text{ kg}$$

$$0.8 \text{ pounds} \approx \boxed{} \text{ kg}$$

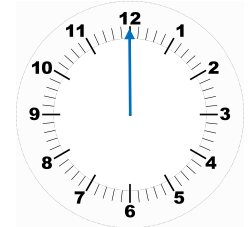
Each square has a side length
of 5 m.

What is the perimeter of the
coloured shape?



Perimeter = _____

Put the other hand at the correct
place to make an
angle written below.



144°

Write these numbers in words.

47,529

100,000

33,333

Complete the calculation.

7 1 , 4 2 5

7 0 , 0 0 0

What number is 10,000 less than 31,111?

$$8,888 - 1,000 =$$

What number is 100 more than 10,000?

$$1,000 - 32 =$$

Fill in the missing denominator.

$$\frac{1}{3} \quad \frac{8}{\boxed{24}} \quad \frac{3}{9}$$

$$\frac{2}{\boxed{1}} \quad 1\frac{7}{7} \quad \frac{8}{4}$$

If 1 kg $\approx$ 2 pounds,
how many kilograms are there in:

$$30 \text{ pounds} \approx \boxed{15} \text{ kg}$$

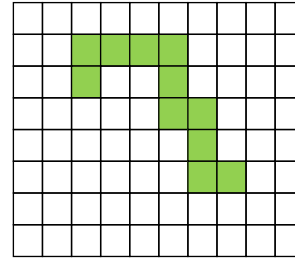
$$25 \text{ pounds} \approx \boxed{12.5} \text{ kg}$$

$$10.5 \text{ pounds} \approx \boxed{5.25} \text{ kg}$$

$$0.8 \text{ pounds} \approx \boxed{0.4} \text{ kg}$$

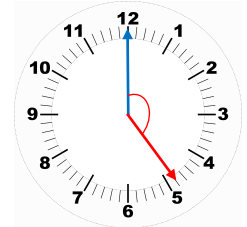
Each square has a side length
of 5 m.

What is the perimeter of the
coloured shape?



$$\text{Perimeter} = \boxed{120} \text{ m}$$

Put the other hand at the correct
place to make an
angle written below.



144°

Write these numbers in words.

47,529

Forty-seven thousand, five hundred
and twenty-nine

100,000

One hundred thousand

33,333

Thirty-three thousand, three hundred
and thirty-three

Complete the calculation.

$$\begin{array}{r} 71,425 \\ - 1,425 \\ \hline 70,000 \end{array}$$

What number is 10,000 less than 31,111?

21,111

$$8,888 - 1,000 = \boxed{7,888}$$

What number is 100 more than 10,000?

10,100

$$1,000 - 32 =$$

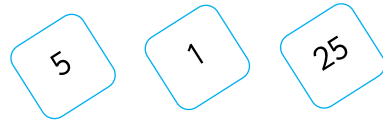
968

Circle the fractions greater than $\frac{3}{4}$.

$\frac{1}{2}$ $\frac{9}{12}$ $\frac{5}{12}$

$\frac{7}{8}$ $1\frac{1}{4}$ $\frac{13}{24}$

Ria has written the factors of a number below.
What is the smallest number it could be?



Write each of the numbers.

8 ones, 3 tenths, 3 hundredths,
9 thousandths

23 ones, 2 tenths, 75 thousandths

Cupcakes are packed in boxes of 6.

Tia places an order for 598 cupcakes for her wedding.

How many boxes will there be?



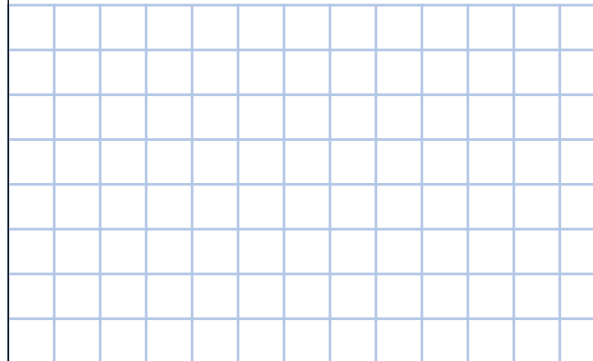
Write these numbers in numerals.

Four hundred and three thousand, six hundred and eighty-two

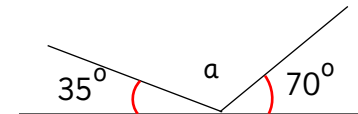
Fifty thousand and seventy-nine

Eighteen thousand, two hundred and five

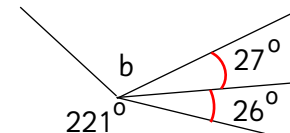
What is sum of 19,276 and 6,090?



Calculate the missing angles.



$a = \quad^\circ$



$b = \quad^\circ$

Circle the fractions greater than $\frac{3}{4}$.

$$\frac{1}{2}$$

$$\frac{9}{12}$$

$$\frac{5}{12}$$

$$\frac{7}{8}$$

$$1\frac{1}{4}$$

$$\frac{13}{24}$$

Ria has written the factors of a number below.
What is the smallest number it could be?

5

↑

25

25

Write each of the numbers.

8 ones, 3 tenths, 3 hundredths,
9 thousandths

8.339

23 ones, 2 tenths, 75 thousandths

23.275

Cupcakes are packed in boxes
of 6.

Tia places an order for 598
cupcakes for her wedding.

How many boxes will there be?

100



Write these numbers in numerals.

Four hundred and three thousand, six
hundred and eighty-two

403,682

Fifty thousand and seventy-nine

50,079

Eighteen thousand, two hundred and five

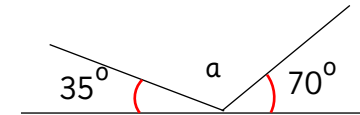
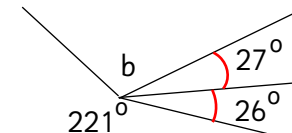
18,205

What is sum of 19,276 and 6,090?

25,366

	+	1	9	,	2	7	6
			6	,	0	9	0
			2	5	,	3	6
						6	6
			1			1	

Calculate the missing angles.


$$a = 75^0$$

$$b = 86^0$$

Match the Roman numerals with the correct numbers.

CCCLXXX

700

DCC

1,000

CM

550

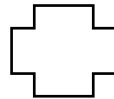
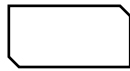
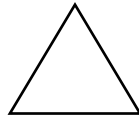
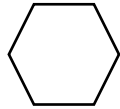
DL

380

M

900

Circle the regular polygons.



Write the value of the underlined digit.

8.582
17.13
250.306

Write the percentage as a decimal.

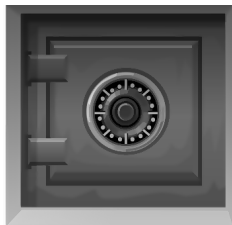
42 % = _____

3 % = _____

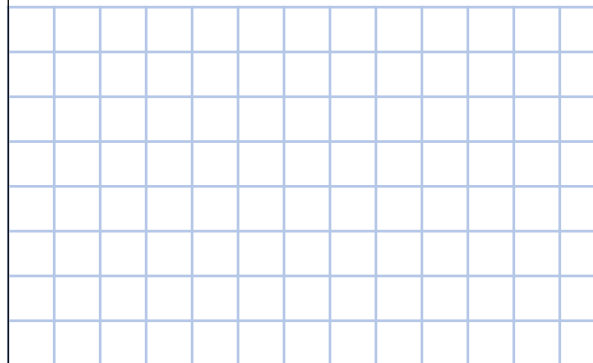
22 % = _____

10 % = _____

The code to this safe is the number which is 10,000 less than 37,049.
What is the code?



A jar contains 475 g of sugar.
How many grams of sugar are there in 9 jars?



Rosie makes cookies.
She uses 540g of butter.

Cookie recipe.
Makes 16 cookies



180g butter
200g castor sugar
2 eggs
1tsp vanilla extract
350 g chocolate chips

How many cookies did she make?

Match the Roman numerals with the correct numbers.

CCCLXXX

700

DCC

1,000

CM

550

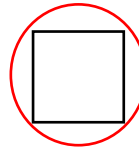
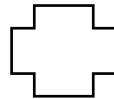
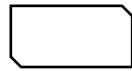
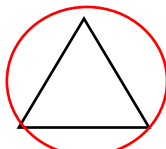
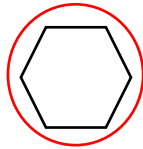
DL

380

M

900

Circle the regular polygons.



Write the value of the underlined digit.

8.582

Hundredths

17.13

Tenths

250.306

Thousandths

Write the percentage as a decimal.

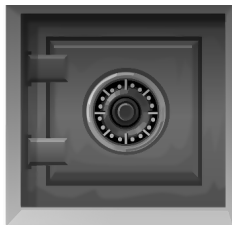
42 % = 0.42

3 % = 0.03

22 % = 0.22

10 % = 0.1

The code to this safe is the number which is 10,000 less than 37,049. What is the code?



2

7

0

4

9

A jar contains 475 g of sugar. How many grams of sugar are there in 9 jars?

4,275

x

4,275

Rosie makes cookies. She uses 540g of butter.

Cookie recipe.
Makes 16 cookies



180g butter
200g castor sugar
2 eggs
1tsp vanilla extract
350 g chocolate chips

How many cookies did she make? 48

Look at the numbers below.
List all of the factor pairs for
each number.

15

8

70

Write these as decimal numbers.

- a) 3 tenths, 8 hundredths,
2 thousandths



- b) 0 tenths, 59 hundredths



- c) 6 tenths, 7 thousandths



Convert the following amounts.

$$4 \text{ l} = \boxed{} \text{ ml}$$

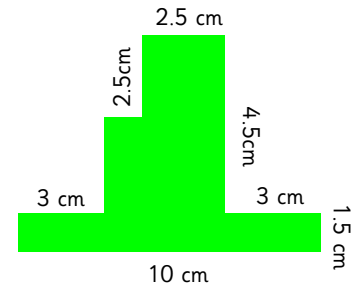
$$10,000 \text{ ml} = \boxed{} \text{ l}$$

$$9.5 \text{ l} = \boxed{} \text{ ml}$$

$$7,120 \text{ ml} = \boxed{} \text{ l}$$

$$0.3 \text{ l} = \boxed{} \text{ ml}$$

Find the area of the
shape below.



Area = cm²

Shade in two numbers which give the total
in the middle.

20,800

18,902

31,216

52,342

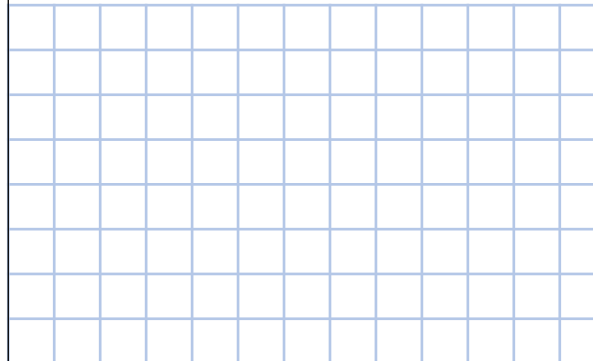
22,126

20,560

14,872

Malachi has 17,850 ml of juice and Zach
has 8,369 ml more than Malachi.

Zach has: ml



Tick the correct equivalence statements.

$$5 \times 25 = 1 \times 5 + 25 \quad \boxed{}$$

$$3 \times 3 \times 9 = 9 \times 9 \quad \boxed{}$$

$$2 \times 2 \times 2 = 2 \times 2^2 \quad \boxed{}$$

$$4 \times 4 + 16 = 4^2 + 4^2 \quad \boxed{}$$

Look at the numbers below.
List all of the factor pairs for
each number.

15

1 and 15
3 and 5

8

1 and 8
2 and 4

70

1 and 70 7 and 10
2 and 35 5 and 14

Write these as decimal numbers.

a) 3 tenths, 8 hundredths,
2 thousandths

0	3	8	2
---	---	---	---

b) 0 tenths, 59 hundredths

0	5	9	
---	---	---	--

c) 6 tenths, 7 thousandths

0	6	0	7
---	---	---	---

Convert the following amounts.

$$4 \text{ l} = 4,000 \text{ ml}$$

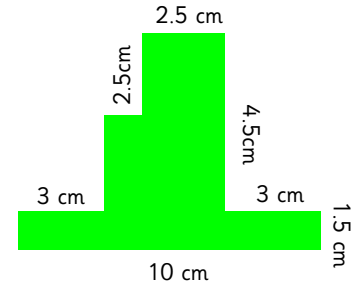
10,000 ml	=	10 l
-----------	---	------

9.5 l = 9,500 ml

$$7,120 \text{ ml} = 7.120 \text{ l}$$

0.3 l = 300 ml

Find the area of the shape below.



Area = 29.25 cm²

Shade in two numbers which give the total in the middle.

20,800

18,902

31,216

52,342

22,126

20,560

14,872

Malachi has 17,850 ml of juice and Zach has 8,369 ml more than Malachi.

Zach has:	26,219 ml
-----------	-----------

	1	7	,	8	5	0	
+		8	,	3	6	9	
	2	6	,	2	1	9	
	1	1	1				

Tick the correct equivalence statements.

$$5 \times 25 = 1 \times 5 + 25 \quad \square$$
$$3 \times 3 \times 9 = 9 \times 9$$
 
$$2 \times 2 \times 2 = 2 \times 2^2$$

☒

$$4 \times 4 + 16 = 4^2 + 4^2$$
 

Tia is thinking of 3 prime numbers.
When she adds them together, the answer is 20.

What are the prime numbers she is thinking of?

--	--	--

Order the fractions from the biggest to the smallest.

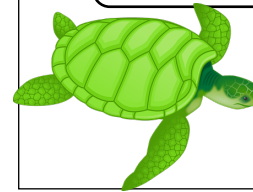
$$\frac{5}{6} \quad \frac{1}{3} \quad 1\frac{2}{3}$$

$$\frac{5}{12} \quad \frac{11}{9} \quad \frac{3}{6}$$

--

A turtle takes 20 minutes to travel a metre.

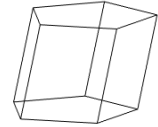
How far does it travel in one minute?



--

 cm

Look at the shape below and fill in the blanks.



Name of the shape is _____

It has _____ faces.

It has _____ edges.

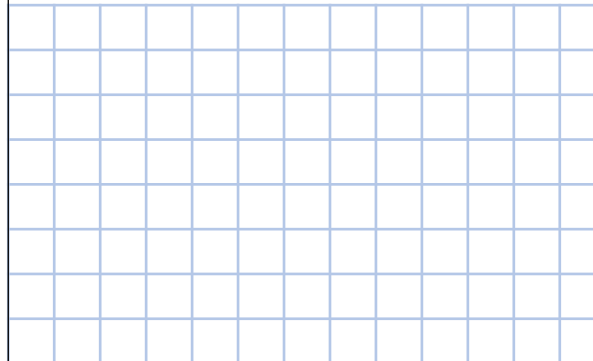
It has _____ vertices.

Complete the table.

	Rounded to the nearest 10	Rounded to the nearest 1,000	Rounded to the nearest 100,000
125,465			
523,981			
410,753			

What is 11,999 more than 110,999?

--



The numbers should match the words on the card.

Circle the card which have been written incorrectly.

74,385

Seventy- four thousand, three hundred and eighty-five

402,720

four hundred and twenty-seven thousand and twenty

Tia is thinking of 3 prime numbers.
When she adds them together, the answer is 20.

What are the prime numbers she is thinking of?

2	7	11
---	---	----

Another option is 2, 5 and 13.

Order the fractions from the biggest to the smallest.

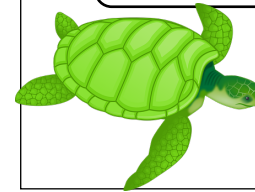
$$\frac{5}{6} \quad \frac{1}{3} \quad 1\frac{2}{3}$$

$$\frac{5}{12} \quad \frac{11}{9} \quad \frac{3}{6}$$

$$1\frac{2}{3} \quad \frac{11}{9} \quad \frac{5}{6} \quad \frac{3}{6} \quad \frac{5}{12} \quad \frac{1}{3}$$

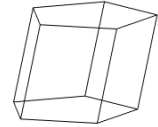
A turtle takes 20 minutes to travel a metre.

How far does it travel in one minute?



5 cm

Look at the shape below and fill in the blanks.



Name of the shape is Pentagonal prism

It has 7 faces.

It has 15 edges.

It has 10 vertices.

Complete the table.

	Rounded to the nearest 10	Rounded to the nearest 1,000	Rounded to the nearest 100,000
125,465	125,470	125,000	100,000
523,981	523,980	524,000	500,000
410,753	410,750	411,000	400,000

What is 11,999 more than 110,999?

122,998

	1	1	0	,	9	9	9
+	1	1	,	9	9	9	
	1	2	2	,	9	9	8
		1	1	1			

The numbers should match the words on the card.

Circle the card which have been written incorrectly.

74,385

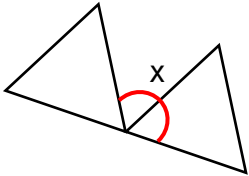
Seventy- four thousand, three hundred and eighty-five

402,720

four hundred and twenty-seven thousand and twenty

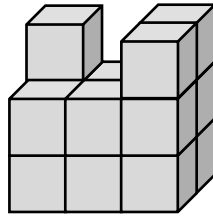
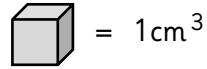
Here is a shape made up of two regular triangles.

Find the missing angle.



$x = \quad^\circ$

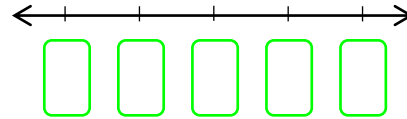
Calculate the volume of the shape by counting the cubes.



$\quad\quad\quad \text{cm}^3$

Put the numbers in order on the number line.

$\frac{5}{4}$ $\frac{1}{2}$ $\frac{5}{6}$ $2\frac{3}{4}$ $\frac{4}{6}$



Circle the greater volume.

3 pints or 2,000 ml

5.5 pints or 5,500 ml

2.4 pints or 1 l

6 pints or $2\frac{3}{4}$ l

Complete the sorting table by adding two different numbers in each section.

	Prime number	Composite number
less than 10		
not less than 10		

What is 15,555 less than 55,000?

Complete the sequences.

3.45, 3.35, 3.25, _____, _____

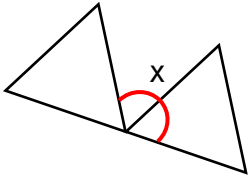
12.126, 12.226, _____, _____

1.001, 1.011, 1.021 _____, _____

7.26, 7.27, 7.28, _____, _____

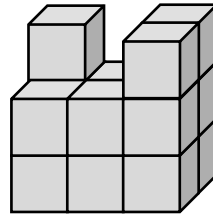
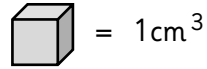
Here is a shape made up of two regular triangles.

Find the missing angle.



$$x = 120^{\circ}$$

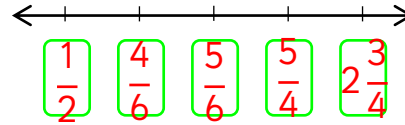
Calculate the volume of the shape by counting the cubes.



$$15 \text{ cm}^3$$

Put the numbers in order on the number line.

$$\frac{5}{4} \quad \frac{1}{2} \quad \frac{5}{6} \quad 2\frac{3}{4} \quad \frac{4}{6}$$



Circle the greater volume.

3 pints or 2,000 ml

5.5 pints or 5,500 ml

2.4 pints or 1 l

6 pints or $2\frac{3}{4}$ l

Complete the sorting table by adding two different numbers in each section.

E.g.

	Prime number	Composite number
less than 10	2, 3	6, 8
not less than 10	11, 17	15, 20

What is 15,555 less than 55,000?

39,445

Complete the sequences.

3.45, 3.35, 3.25, 3.15, 3.05

12.126, 12.226, 12.326, 12.426

1.001, 1.011, 1.021, 1.031, 1.041

7.26, 7.27, 7.28, 7.29, 7.30

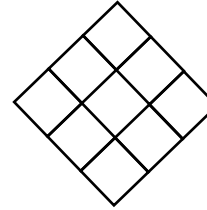
Using a protractor draw an angle of 190° .



Roses cost £8
Tulips cost £6
Lilies cost £4

I spend £22. Give three different combinations of flowers I could have bought.

The shape below is made of nine identical squares.



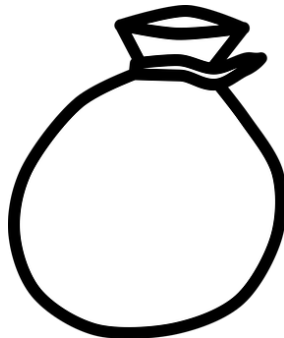
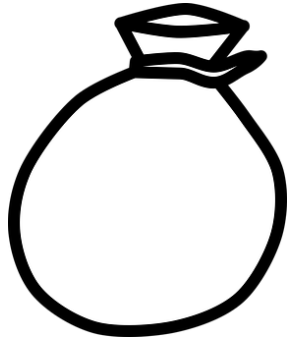
If the perimeter of the shape is 36 m, find its area.

What is the smallest whole number, when rounded to the nearest 100 gives the answer 500?

Fill the bags with numbers between 5 and 15. Place them in the correct bag.

Composite numbers

Prime numbers



Complete the calculation.

		3	3	,	0	3	3
		2	2	,	0	0	3

Put the digit cards on the right place to make the statements correct.

$$\frac{1}{4} < \frac{\boxed{}}{12}$$

$$\frac{5}{6} > \frac{\boxed{}}{2}$$

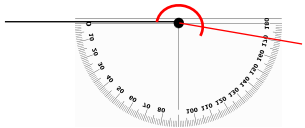
$$\frac{\boxed{}}{15} = \frac{2}{5}$$

1

5

6

Using a protractor draw an angle of 190° .



Roses cost £8
Tulips cost £6
Lilies cost £4

I spend £22. Give three different combinations of flowers I could have bought.

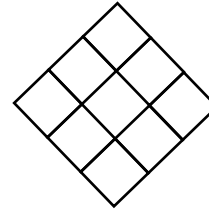
Examples

2 roses and 1 tulip

3 tulips and 1 lily

4 lilies and 1 tulip

The shape below is made of nine identical squares.



If the perimeter of the shape is 36 m, find its area.

81 m²

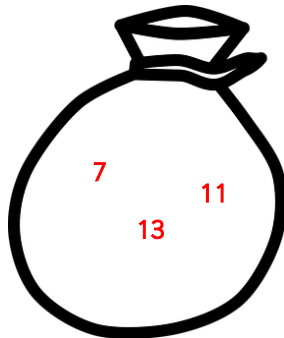
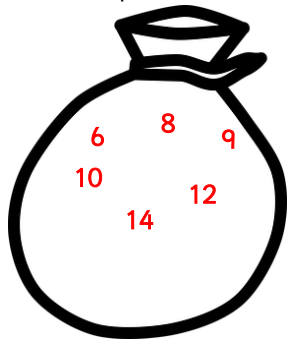
What is the smallest whole number, when rounded to the nearest 100 gives the answer 500?

450

Fill the bags with numbers between 5 and 15. Place them in the correct bag.

Composite numbers

Prime numbers



Complete the calculation.

		3	3	,	0	3	3
	-	1	1	,	0	3	0
		2	2	,	0	0	3

Put the digit cards on the right place to make the statements correct.

$$\frac{1}{4} < \frac{5}{12}$$

$$\frac{5}{6} > \frac{1}{2}$$

$$\frac{6}{15} = \frac{2}{5}$$

1

5

6

Zach needs to purchase a square piece of carpet for his front room.
The length of the sides are 8 metres.

What is the area of the room which needs carpet?

Write the fractions as percentages.

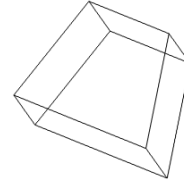
$$\frac{40}{400} = \boxed{}$$

$$\frac{3}{50} = \boxed{}$$

$$\frac{250}{500} = \boxed{}$$

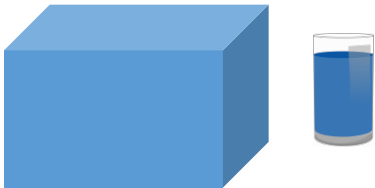
$$\frac{120}{200} = \boxed{}$$

Which 2-D shapes form the surfaces of the 3-D shape below?



Find an improper fraction that is greater than $1\frac{1}{2}$ but smaller than 2.

The cuboid contains 4 l of water.



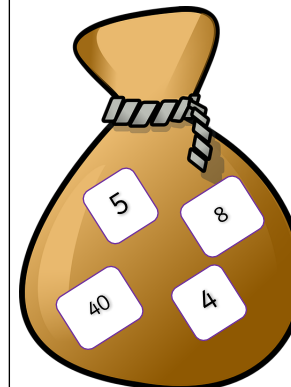
How many glasses of 250 ml can be filled with all water from the cuboid?

Complete the calculation.

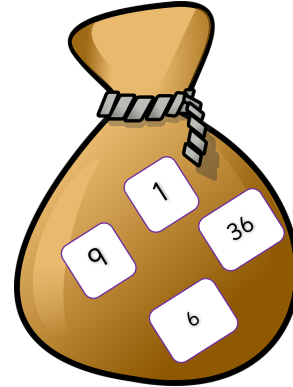
			3	,	8	2	4
			3	0	,	5	9
			6		1		3

How many mistakes can you spot?
Circle them.

Factors of 20



Factor of 18 and 36



Zach needs to purchase a square piece of carpet for his front room.
The length of the sides are 8 metres.

What is the area of the room which needs carpet?

64 m²

Write the fractions as percentages.

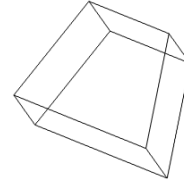
$$\frac{40}{400} = 10\%$$

$$\frac{3}{50} = 6\%$$

$$\frac{250}{500} = 50\%$$

$$\frac{120}{200} = 60\%$$

Which 2-D shapes form the surfaces of the 3-D shape below?

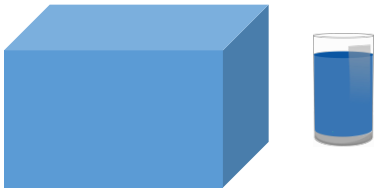


2 trapeziums and
4 rectangles

Find an improper fraction that is greater than $1\frac{1}{2}$ but smaller than 2.

$1\frac{3}{4}$

The cuboid contains 4 l of water.



How many glasses of 250 ml can be filled with all water from the cuboid?

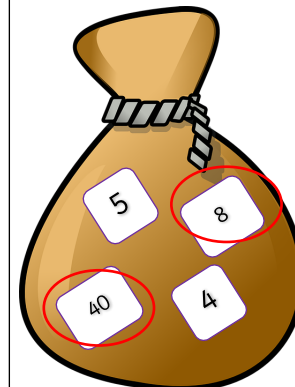
16 glasses

Complete the calculation.

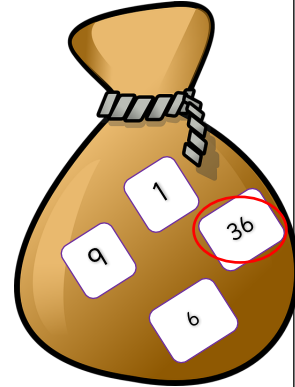
		3	,	8	2	4	
	x					8	
		3	0	,	5	9	2
			6		1		3

How many mistakes can you spot?
Circle them.

Factors of 20



Factor of 18 and 36



Tick the calculation which answer is 14.

$$\frac{1}{14} \times 7$$

☐

$$\frac{7}{9} \times 18$$

☐

$$\frac{2}{7} \times 14$$

☐

$$\frac{7}{12} \times 18$$

☐

Place these numbers in descending order.

1.002

0.011

0.750

1.8

3.99

4.001

Complete the sentences.

An obtuse angle measures between _____ and _____ degrees.

215° is a _____ angle.

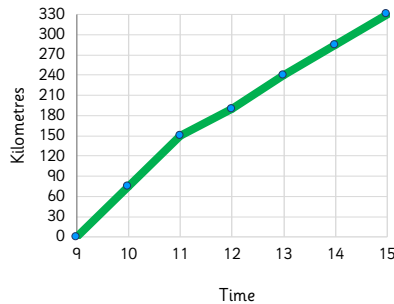
78° is an _____ angle.

Rosie had £50.

She gave £3.5 to her sister and then bought some items for a total cost of £35.45.

How much change did she get back??

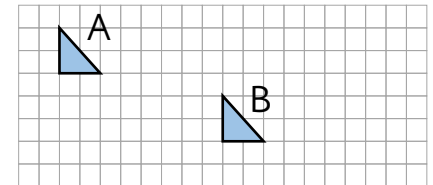
The graph shows a journey Leanna's family made.



How far had they travelled by 14:00?

What is twenty thousand three hundred and forty-five less than fifty thousand five hundred?

Describe the translation of triangle A to triangle B.



Shape A has been translated _____ left/right and _____ up/down.

Tick the calculation which
answer is 14.

$\frac{1}{14} \times 7$

$\frac{7}{9} \times 18$ ☒

$$\frac{2}{7} \times 14 \quad \square$$

$$\frac{7}{12} \times 18 \quad \square$$

Place these numbers in descending order.

1.002 0.011

0.750 1.8

4.001 3.99

4.001 3.99 1.8 1.002 0.750
0.011

Complete the sentences.

An obtuse angle measures
between
90 and 180 degrees.

215° is a reflex angle.

78° is an acute angle.

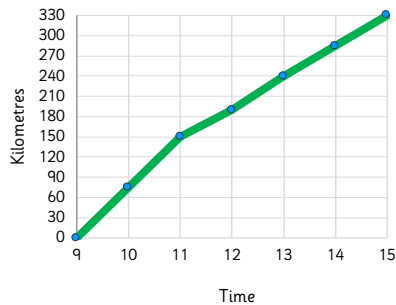
Rosie had £50.

She gave £3.5 to her sister and then bought some items for a total cost of £35.45.

How much change did she get back??

£11.05

The graph shows a journey
Leanna's family made.



How far had they travelled by 14:00?

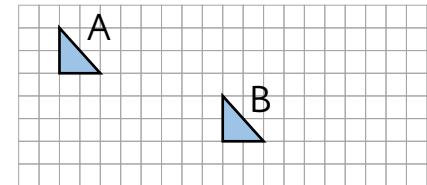
285 km

What is twenty thousand three hundred and forty-five less than fifty thousand five hundred?

30,155

				4	9	10	
		5	0,	5	0	0	
-		2	0,	3	4	5	
		3	0,	1	5	5	

Describe the translation of triangle A to triangle B.



Shape A has been translated 8 left/right and 3 up/down.

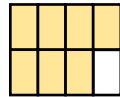
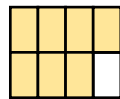
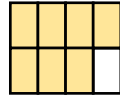
Measure the shelf below and write its true length.

Scale:
1 cm to 30 cm



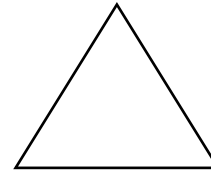
cm

Use the model to help you solve the calculation.



$$3 \times \frac{7}{8} = \boxed{} \frac{\boxed{}}{\boxed{}}$$

Use a protractor and a ruler to check whether this is a regular or irregular triangle.

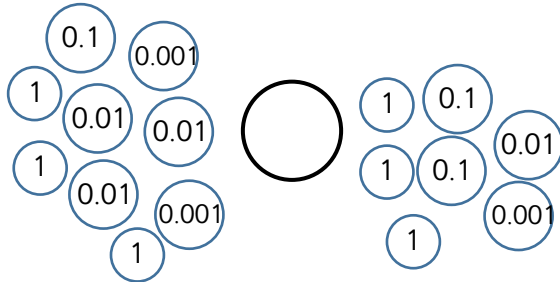


Put these numbers in the correct column.

15.55 15.42 15.37
15.51 15.63 15.48

Rounds to 15.4	Rounds to 15.5	Rounds to 15.6

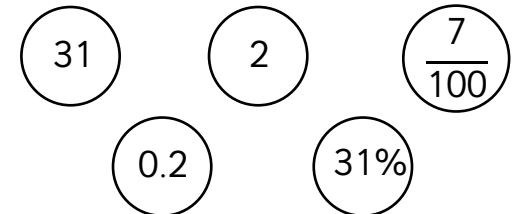
Put <, > or = to make the statement correct.



$$1,785 \div 7 = \boxed{}$$



Arrange the values in order from the smallest to the largest.



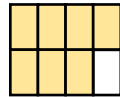
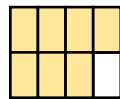
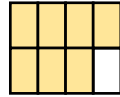
Measure the shelf below and write its true length.

Scale:
1 cm to 30 cm



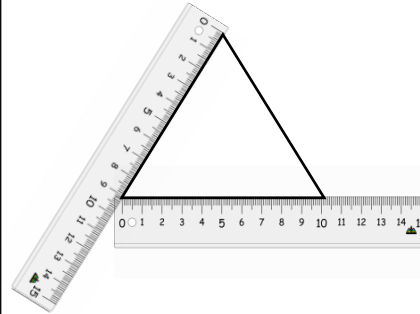
$\approx 120 \text{ cm}$

Use the model to help you solve the calculation.



$$3 \times \frac{7}{8} = 2 \frac{5}{8}$$

Use a protractor and a ruler to check whether this is a regular or irregular triangle.



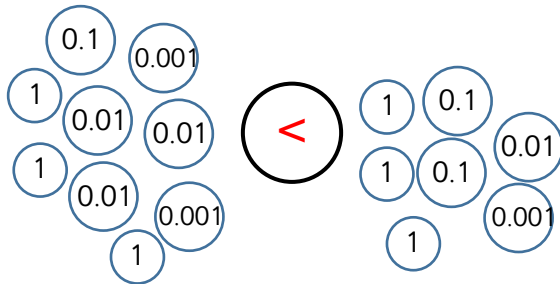
Measuring the length of the side we can conclude that this is not a regular (equilateral) triangle.

Put these numbers in the correct column.

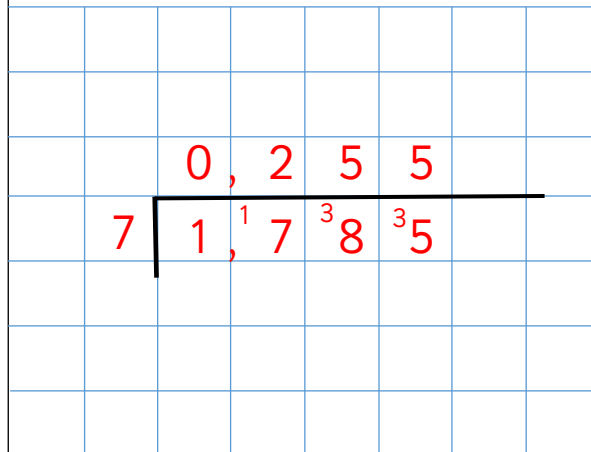
15.55 15.42 15.37
15.51 15.63 15.48

Rounds to 15.4	Rounds to 15.5	Rounds to 15.6
15.42	15.51	15.55
15.37	15.48	15.63

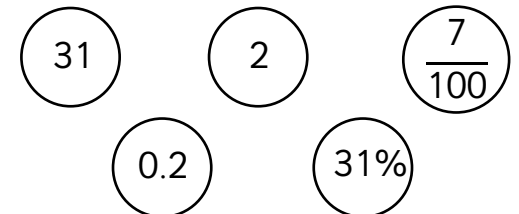
Put <, > or = to make the statement correct.



$$1,785 \div 7 = \boxed{}$$



Arrange the values in order from the smallest to the largest.



$\frac{7}{100}$ 0.2 31% 2 31

Circle the number greater than 3.45.

3.544 3.445

3.06

3.451 3.4

Rosie spent £11.8 at one shop, £15.99 at the second and £18.41 at the third.

How much money did she spend altogether?

Complete the calculations.
Write the answer as a mixed number.

$$5\frac{1}{4} \times 3 =$$

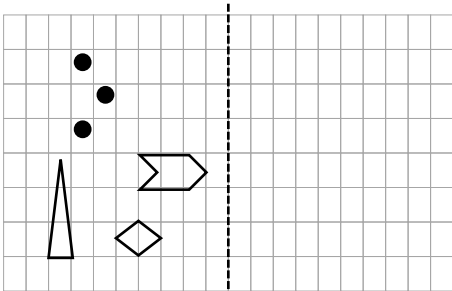
$$\frac{7}{9} \times 8 =$$

$$3\frac{4}{10} \times 12 =$$

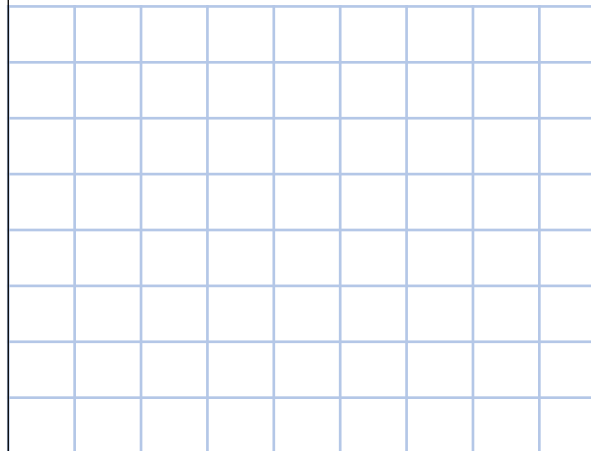
I am between 1- 20
I have 3 letters.
All my letters are different

What Roman numeral could I be?
Write the Roman numeral and the number.

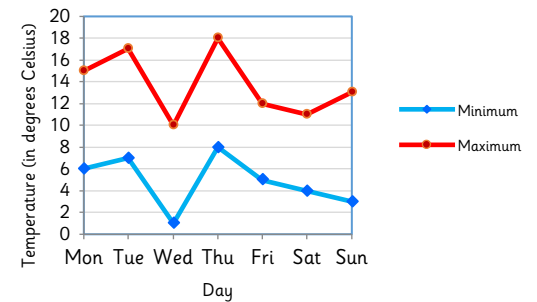
Reflect the given images on the other side of the line of symmetry.



$$742 \times 38 =$$



The graph shows the minimum and maximum temperature over a week.



What is the difference in maximum and minimum temperature on Friday?

Circle the number greater than 3.45.

3.544

3.445

3.06

3.451

3.4

Rosie spent £11.8 at one shop, £15.99 at the second and £18.41 at the third.

How much money did she spend altogether?

£46.2

Complete the calculations.
Write the answer as a mixed number.

$$5\frac{1}{4} \times 3 =$$

15 $\frac{3}{4}$

$$\frac{7}{9} \times 8 =$$

6 $\frac{2}{9}$

$$3\frac{4}{10} \times 12 =$$

40 $\frac{4}{5}$

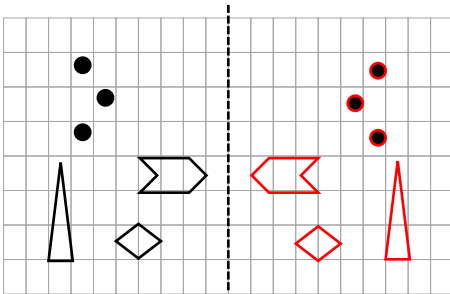
I am between 1- 20
I have 3 letters.
All my letters are different

What Roman numeral could I be?
Write the Roman numeral and the number.

XIV- 14

XVI- 16

Reflect the given images on the other side of the line of symmetry.

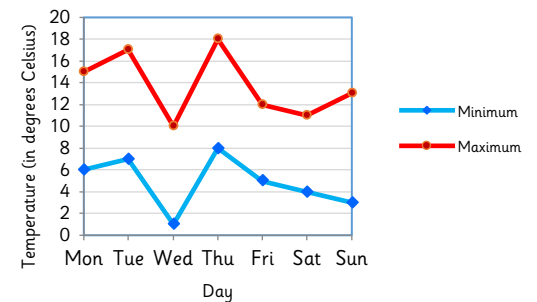


$$742 \times 38 =$$

28,196

			7	4	2		
	x			3	8		
		5	,	9	3	6	
	2	2	,	2	6	0	
	2	8	,	1	9	6	

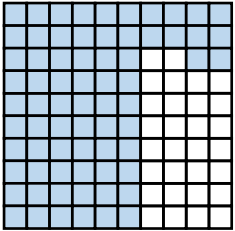
The graph shows the minimum and maximum temperature over a week.



What is the difference in maximum and minimum temperature on Friday?

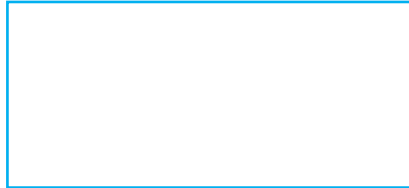
12 - 5 = 7 degrees

Fill in the missing values.

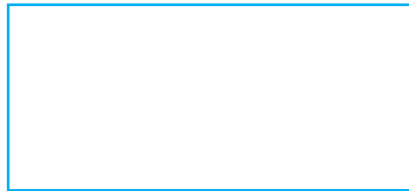


$$\frac{\boxed{}}{\boxed{}} = 0.7 = \underline{\hspace{1cm}} \%$$

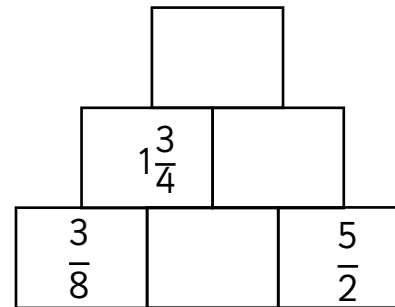
Draw a regular quadrilateral.



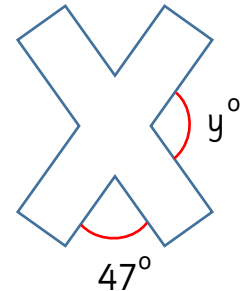
Draw a regular octagon.



Fill the gaps in this addition pyramid.



Find the missing angle.

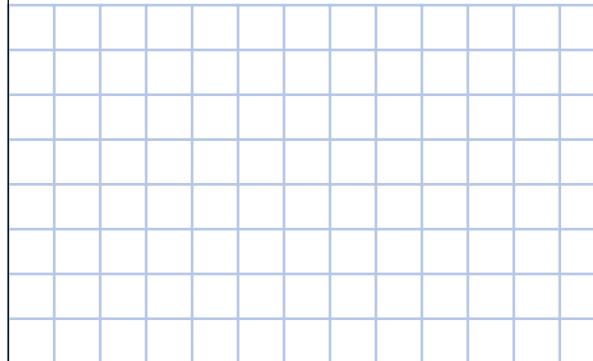


$$y = \boxed{}^\circ$$

Shade the box to show where $\frac{5}{4}$ should be in order list.

$$\frac{1}{3} \quad \boxed{} \quad \frac{3}{4} \quad \boxed{} \quad \frac{7}{8} \quad \boxed{} \quad 1\frac{4}{5}$$

What is sixty thousand nine hundred more than nineteen thousand seven hundred and ninety-nine?



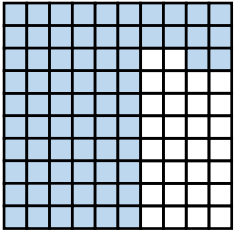
Write each decimal number as a mixed number.

Three ones, fifty-four hundredths

Fourteen tens, four hundredths

Nine tens, twenty-six hundredths

Fill in the missing values.



$$\frac{70}{100} = 0.7 = 70\%$$

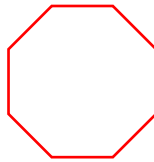
Draw a regular quadrilateral.

All sides have the same length.

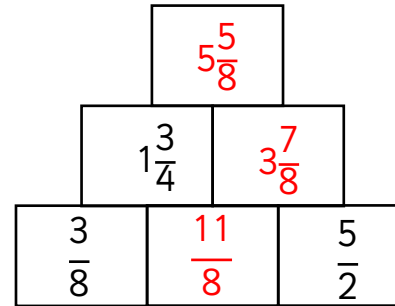


Draw a regular octagon.

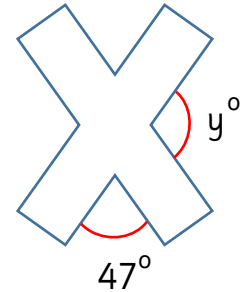
All sides have the same length.



Fill the gaps in this addition pyramid.



Find the missing angle.



$$y = 133^\circ$$

Shade the box to show where $\frac{5}{4}$ should be in order list.

$$\frac{1}{3} \quad \square \quad \frac{3}{4} \quad \square \quad \frac{7}{8} \quad \blacksquare \quad 1\frac{4}{5}$$

What is sixty thousand nine hundred more than nineteen thousand seven hundred and ninety-nine?

80,699

		1	9	,	7	9	9
	+	6	0	,	9	0	0
		8	0	,	6	9	9
		1	1				

Write each decimal number as a mixed number.

Three ones, fifty-four hundredths $3\frac{54}{100}$

Fourteen tens, four hundredths $140\frac{4}{100}$

Nine tens, twenty-six hundredths $90\frac{26}{100}$