1st October

Primary 5-a-day

Simplify $\frac{15}{45}$

7.59 - 1.998

Here are five letters on a scale

1410 g

1.11 kg 1.8 kg

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

1550 g

Match each letter to one of the masses in the list

Magnus says,

Three whole numbers add up to 40.

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Is Magnus correct?

"All three numbers must be even."

Primary 5-a-day

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1	4

Simplify $\frac{15}{45}$

7.59 - 1.998

Here are five letters on a scale

1.8 kg 1.11 kg 1410 g

Match each letter to one of the masses in the list

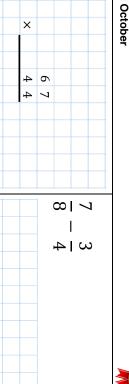
 $1\frac{1}{4}$ kg

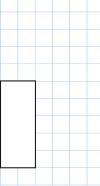
Magnus says,

Three whole numbers add up to 40.

Is Magnus correct?

"All three numbers must be even."



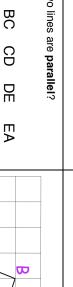


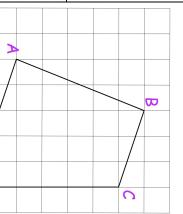


Work out the cost of 250g of cheese

Which two lines are parallel?

ΑB





Which two lines are perpendicular?

BC CD DE ΕA

AВ

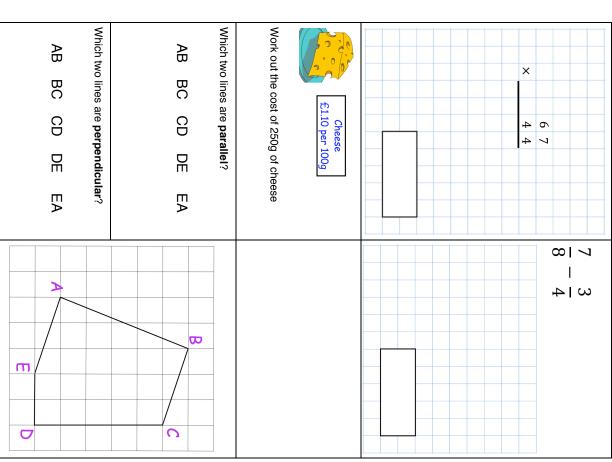


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2nd October

Name:

Primary 5-a-day



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	ΙZ
4th October	Name: Primary 5-a-day
	5-a-day Gold
1000	1

4th October	
50% of 170	45 × 21
A house is 10 metres wide and 7 metres tall.	How tall is her model?
	How many centimetres are in 1.8 metres?
10m Kirsty makes a scale model of the house.	
Her model is 20 centimetres wide	
Draw a 125° angle	

Name: Primary 5-a-day Gold

	and the state of t
4th October	
50% of 170	45 × 21
A house is 10 metres wide and 7 metres tall.	How tall is her model?
Not	
10m	How many centimetres are in 1.8 metres?
Kirsty makes a scale model of the house. Her model is 20 centimetres wide	
Draw a 125° angle	

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		5th October
Gold	Primary 5-a-day	Name:

·	38?	What are the coins that Hendrik has?	Hendrik has five coins. Three of the coins add to £1.40 Three of the coins add up to £2.40 All five coins add up to £3.60
·	1.8kg		A box contains 1.8kg of rice Laura uses 45 grams of rice for each meal. She uses all the rice. How many meals did Laura make?
		Calculate the size of angle x	27° ×
		2.76 + 1.451	$0.3 \div 10$
		3 8 8 9 7	5th October

Primary 5-a-day

at Hendrik has?	Three of the coins add to £1.40 Three of the coins add up to £2.40 All five coins add up to £3.60	Hendrik has five coins. What are the coins that Hendrik has?	A box contains 1.8kg of rice Laura uses 45 grams of rice for each meal. She uses all the rice. How many meals did Laura make?	Calculate the size of angle x	$0.3 \div 10$ $2.76 + 1.451$	5th October
-----------------	--	--	--	-------------------------------	------------------------------	-------------

25% of 364 7 1 4 9 8	7	7	7	7	6th October	Primary 5-a-day		+	Gold
					25% of 364	7	9	ω	

A new shape is made out of curves of the same size

The perimeter of the shape is 72 centimetres

What is the perimeter of the new shape?

This shape is made from four identical curves

Work out the cost of four coffees. The cost of the flapjack was 90p Three coffees and a flapjack cost £7.35.

7th October

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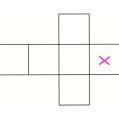
 53×18







Draw one more cross so that the cube will have crosses on opposite faces



The population of London is 8,136,121

How many more people live in London than these four cities combined?

City Brighton Preston	Population 273,369 190.687
Preston	190,687
Birmingham	1,224,136
Telford	166,641

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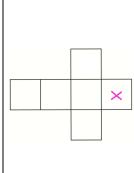
Primary 5-a-day

7th October

0.75 = 🔚 53×18

Here is a net of a cube.

Draw one more cross so that the cube will have crosses on opposite faces

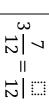


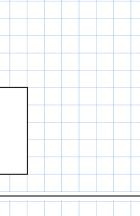
The population of London is 8,136,121

How many more people live in London than these four cities combined?

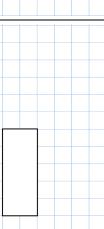
Preston 190,687 Birminaham 1.224.136	Telford 166,641
_	







$$3\frac{1}{12} = \frac{1}{12}$$



Hannah says

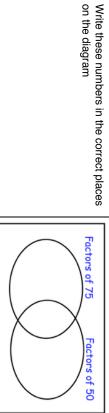
"there are more prime numbers between 1 and 10 than between 10 and 20.

Is Hannah right?

Hannah has £700

She spends 15% of her money on a new guitar.

How much does Hannah spend on her guitar?



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Primary 5-a-day

8th October

 13^2

 $3\frac{7}{12} = \frac{111}{12}$

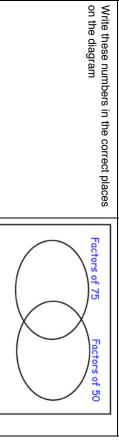
How much does Hannah spend on her guitar? She spends **15%** of her money on a new guitar.

Hannah has £700

Is Hannah right?

"there are more prime numbers between 1 and 10 than between 10 and 20.

Hannah says



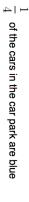
$\frac{13}{4} = 3\frac{11}{4}$
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What fraction of the cars in the car park are red or blue?

The mass of a 2p coin is 7.1 grams.

The mass of a 1p coin is half the mass of a 2p coin.



What is the total mass of these eight coins?

Here is a number written in Roman numerals

Here is a number written in Roman numerals

What is the total mass of these eight coins?

2p coin.

The mass of a 2p coin is 7.1 grams.

The mass of a 1p coin is half the mass of a

What fraction of the cars in the car park are red or blue?

 $\frac{1}{4}$ of the cars in the car park are blue

of the cars in a car park are red

CXXXV

Write the number in figures

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Write the number in figures

CXXXV

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Name:

Primary 5-a-day

9th October

$$\frac{13}{4} = 3\frac{11}{4}$$

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Name:	Primary 5-a-day	Gold	Connection of the Connection o	
10th October				`

10th October	
102	$\frac{4}{5} - \frac{8}{15}$
Josie has 1.2 kilograms of flour. She uses 0.75 kilograms of flour to make a cake.	
How much flour does she have left?	
A straight line has been divided into 3 equal size angles. Find the size of each angle	×××
Mrs Jenkins is a chicken farmer Her rectangular chicken pen is 18 metres long and 9 metres wide. Each chicken needs at least 3m² of space. How many chickens can she keep?	18m 9m

18m 9m	Mrs Jenkins is a chicken farmer Her rectangular chicken pen is 18 metres long and 9 metres wide. Each chicken needs at least 3m² of space. How many chickens can she keep?
××	A straight line has been divided into 3 equal size angles. Find the size of each angle
	Josie has 1.2 kilograms of flour. She uses 0.75 kilograms of flour to make a cake. How much flour does she have left?
- 1 5	$\frac{4}{5}$
Con Conc	10th October

11th October	11th October	Name:	Primary 5-a-day	Gold
		11th October		

מווק.	Tilliary ofatuay
11th October	
$=$ $\frac{1}{72}$	5 8 0 0 2
	1
Work out the area of the triangle	18m 20m
20% of the children at a school are left handed.	are
There are 250 children at the school.	chool.
How many children are left handed?	ded?

Write three factors of 40 that are **not** factors of 36

Prim
ary 5-a-da
day

Write three factors of 40 that are not factors of 36	How many children are left handed?	There are 250 children at the school.	20% of the children at a school are left handed.	Work out the area of the triangle	$\frac{8}{100} = \frac{64}{72}$	11th October	Name:
	d?	ool.	Φ				Primary 5-a-day
				18m	+		ay
				3	ωσ		1
				\ /	1 8		1
				\	0 0 0 1		1
				\ 3/	9 2		
							Gold

Tick two numbers that are equivalent to $\frac{3}{5}$	Mr Smith makes a tower of 30 identical books. Mr Smith adds nine more books. How tall is the tower now?	Here is a list of numbers 8 11 14 16 25 27		12th October 8.9 × 100
35%	270cm	From the list, write down the cube numbers	χ ω ω 0 4	Primary 5-a-day Gold

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Mr Smith makes a tower of 30 identical books.
Mr Smith adds nine more books. 8 Tick two numbers that are equivalent to $\frac{3}{5}$ How tall is the tower now? Here is a list of numbers 12th October 8.9×100 **=** <u>1</u>4 16 25 Primary 5-a-day 27 From the list, write down the cube numbers × 3 4 3 9 0.35 35% 50 270cm

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75% of 20

 $\frac{6}{7} = \frac{18}{\boxed{}}$

This week Harry spent
$$\frac{2}{3}$$
 of his pocket money on a ticket for a match.

He also spent $\frac{1}{9}$ of his pocket money on a scarf at the match.

Write the correct symbol in the box

What fraction of his pocket money has Harry spent?

N - -	V II	Write the correct symbol in the box
	2-3	

20 - 30

Sarah has the same number of 2p coins as 5p coins.	
Sarah has £2.10 in 2p coins.	
How much money does Sarah have in total?	

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13th October

Name:

Primary 5-a-day

Sarah has the same number of 2p coins as 5p coins. Sarah has £2.10 in 2p coins. How much money does Sarah have in total?	Write the correct symbol in the box	This week Harry spent $\frac{2}{3}$ of his pocket money on a ticket for a match. He also spent $\frac{1}{9}$ of his pocket money on a scarf at the match.	75% of 20
	2-3 20-30	What fraction of his pocket money has Harry spent?	$\frac{6}{7} = \frac{18}{3}$

Grapes cost £3.20 per kilogram Blueberries cost £7 per kilogram Work out the total cost of 250g of grapes and 100g of blueberries	Work out the mean number of books	Over 20 days in February, it rained on 12 days. What fraction of the days were rainy? Simplify your answer.	× 9 3 7 4	Name: Prim 14th October
Des	30 Number 15 of 10 Books 10 Maria Matt Max	2	503	Primary 5-a-day Gold

Name: Work out the **total cost** of 250g of grapes and 100g of blueberries Grapes cost £3.20 per kilogram Blueberries cost £7 per kilogram What fraction of the days were rainy? Simplify your answer. Over 20 days in February, it rained on 12 days. Work out the mean number of books 14th October × 9 3 7 4 Primary 5-a-day 50^{3} Number of Books 30 25 20 15 10 Maria Matt Max

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Simplify $\frac{18}{22}$

-12 + 7

Match up the equivalent mixed numbers and improper fractions.

 $2\frac{1}{3}$

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Match up the equivalent mixed numbers and improper fractions.

 $2\frac{1}{4}$

3 3|2

Plot the point A (-1,3)



Plot the point B (2, -1)

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Primary 5-a-day

15th October

Simplify $\frac{18}{22}$

-12 + 7

Plot the point B (2, -1)Plot the point A (-1, 3)2 -1 0

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Name: Primary 5-a-day Gold

16th October	20% of 30
Change 780 metres into kilometres	Change 0.02 kilograms to grams
Circle all the prime numbers	
5 7 15 17 25 27	
A 2p coin has a mass of 7 grams. Find the total mass of £8 of 2p coins.	

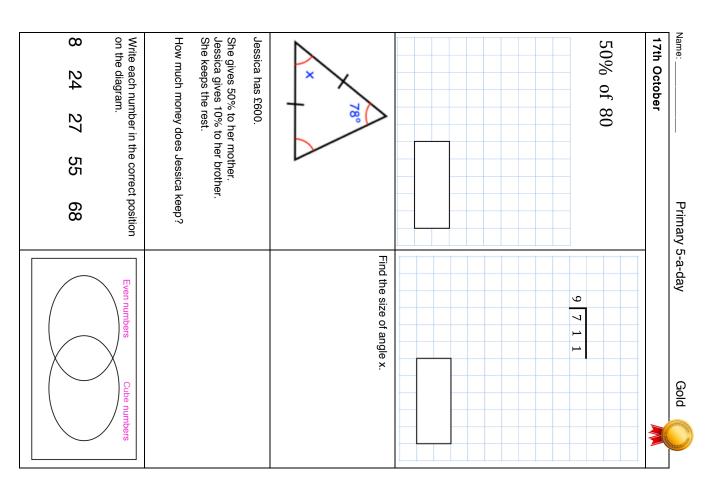
Name: _ Primary 5-a-day

Gold

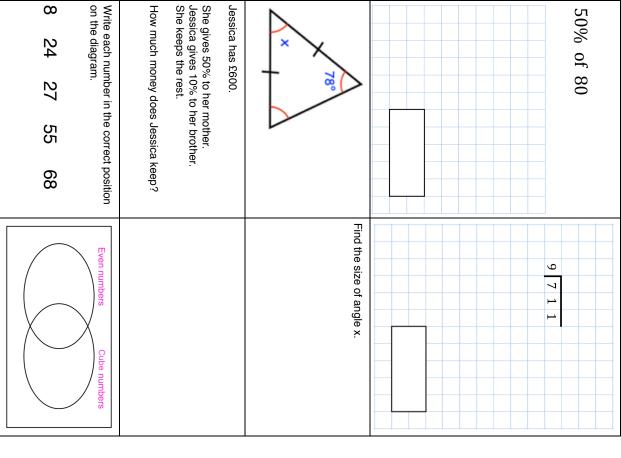
A 2p coin has a mass of 7 grams. Find the total mass of £8 of 2p coins.	Circle all the prime numbers 5 7 15 17 25 27	Change 780 metres into kilometres	9 2 3 7 6	16th October
		Change 0.02 kilograms to grams	20% of 30	

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> Name: 17th October Primary 5-a-day



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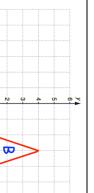
24

$$\frac{9}{10} + \frac{1}{2}$$



%

Write down **all** the common multiples of 4 and 9 that are less than 100.



Reflect triangle B in the x-axis

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Primary 5-a-day

18th October

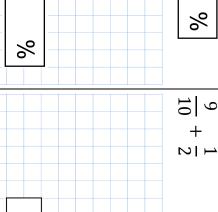
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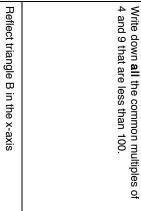


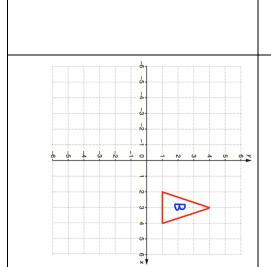
0.4П











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19th October

19th October	
8 - 4	8 9 3 6
	<u>/</u>
× •	× ×
y =	,
Write down 3 different fractions that are	
equivalent to 5	
Sophie has £2.12 Orla has 84p	
How much money should Sophie give Orla so that they have the same amount of money?	

> Name: 19th October Primary 5-a-day

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414

0 0			
20°		8 9 3 6	
×			

y x	55°° ×
Write down 3 different fractions that are equivalent to $\frac{3}{5}$	
Sophie has £2.12 Orla has 84p	
How much money should Sophie give Orla so that they have the same amount of money?	

20	Name:
20th October	Ф.
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Name:	Tilliary o a day
20th October	
5 × 5 × 5 × 5	$1,032 \div 6$
Write down the size of the angle being measured.	12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A group of 9 friends go on a coach tour. The total cost of the tour is £648 How much does each person pay?	
Magnus has five coins	
Three of the coins add up to £1.40 Three of the coins add up to £2.40	
All five coins add up to £3.60	
What coins does Magnus have?	

Primary 5-a-day

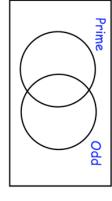
Name: Primary 5-a-day		Gold	
20th October			
5 × 5 × 5 × 5	$1,032 \div 6$		
Write down the size of the angle being measured.	20 00 00 00 00 00 00 00 00 00 00 00 00 0	See Or	
A group of 9 friends go on a coach tour. The total cost of the tour is £648 How much does each person pay?			
Magnus has five coins			
Three of the coins add up to £1.40 Three of the coins add up to £2.40			
All five coins add up to £3.60			
What coins does Magnus have?			

21st October

$$0.08 \times 10$$

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

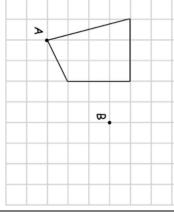
Write each number in its correct place



Here is a quadrilateral on a grid.

The quadrilateral is translated so that point **A** moves to point **B**.

Draw the quadrilateral in its new position.



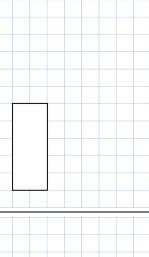
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Primary 5-a-day

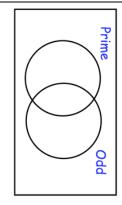
21st October

$$0.08 \times 10$$





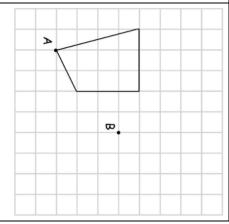
Write each number in its correct place



Here is a quadrilateral on a grid.

The quadrilateral is translated so that point **A** moves to point **B**.

Draw the quadrilateral in its new position.



Primary 5-a-day

22nd October	
-30 - 55	
	2 6
	X 2 4
Write these numbers in order, starting with the smallest.	
0.304 0.41 0.088 2.1 0.9	
Large pizzas cost £6.25 each Small pizzas cost £4.80 each Five children together buy two large pizzas and one small pizza.	How much does each child pay?
They share the cost equally.	
Jack and Harry are waiters in a restaurant. They are both paid the same amount of money for each hour they work.	How much is Harry paid?
Jack worked 5 hours and is paid £32	
Harry worked 7 hours	

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> Primary 5-a-day Gold

Primary 5-a-day 22nd October	-a-day Gold
	X 6 8 8
Write these numbers in order, starting with the smallest.	
0.304 0.41 0.088 2.1 0.9	
Large pizzas cost £6.25 each Small pizzas cost £4.80 each Five children together buy two large pizzas and one small pizza.	How much does each child pay?
Jack and Harry are waiters in a restaurant.	How much is Harry paid?
Jack worked 5 hours and is paid £32	
Harry worked 7 hours	

Saffron costs £6.18 per gram. What is the cost of a tenth a of saffron	What is the mean a pot?	Three of the pots have 10 ci	Emily has four pots of crayons	How much money does Callum have?	Jon has £9.40 in 20p coins Callum has 50p coins.	Jon and Callum hav coins.				75% of 600	23rd October	Name:
Saffron costs £6.18 per gram. What is the cost of a tenth a kilogram of saffron	What is the mean number of crayons in a pot?	Three of the pots have 10 crayons and the other pot has 6 crayons.	s of crayons.	does Callum have?	20p coins. ns.	Jon and Callum have the same number of coins.				0		Primary 5-a-day
										9 ²		5-a-day
												Gold

|--|

Name: Primary 5-a-day	5-a-day Gold	Second
October		
75% of 600	9 ²	
Jon and Callum have the same number of coins.		
Jon has £9.40 in 20p coins. Callum has 50p coins.		
How much money does Callum have?		
Emily has four pots of crayons.		
Three of the pots have 10 crayons and the other pot has 6 crayons.		
What is the mean number of crayons in a pot?		
Saffron costs £6.18 per gram.		
What is the cost of a tenth a kilogram of saffron		

24th October	Name:F
	Primary 5-a-day
	Gold

In Victoria's class, there are 20 students Exactly $\frac{2}{7}$ of the students in the class wear glasses.	An adult ticket for a football match is £9.00 A child ticket is 20% cheaper than an adult ticket. How much is a child ticket?	List the first five prime numbers		$\frac{1}{3} + \frac{2}{15}$	24th October
--	---	-----------------------------------	--	------------------------------	--------------

Primary 5-a-day

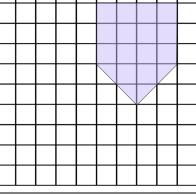
In Victoria's cla Explain why Vi	How much is a child ticket?	An adult ticket is ticket.	List the first fiv	×		24th October
In Victoria's class, there are 20 students Explain why Victoria must be wrong	child ticket?	An adult ticket for a football match is £9.00 A child ticket is 20% cheaper than an adult ticket.	List the first five prime numbers	1 1	1 0 5	
Exactly $\frac{2}{7}$ of the students in the class wear glasses.					$\frac{1}{3} + \frac{2}{15}$	

25th October Primary 5-a-day

23

0.7 = =

On the grid, draw a **square** which has the **same area** as the pentagon



Draw any lines of symmetry on the **pentagon** and the **square**

length 3cm

The triangle and rectangle have the same area

Work out the length of the rectangle.

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25th October

23

Name:

Primary 5-a-day

0.7 =

On the grid, draw a **square** which has the **same area** as the pentagon Draw any lines of symmetry on the **pentagon** and the **square** Work out the length of the rectangle.

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The triangle and rectangle have the same area

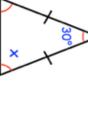
length

3cm

X30°	7 6 6 9 2
Calculate the	4 1

%	

%



size of angle x

$\frac{1}{10}$ of the counters are green.	In a bag, there are green, white and blue what counter.
	What fraction of the counters are blue?

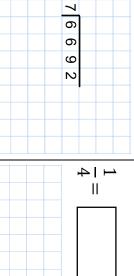
Write the number 315 in Roman numerals	

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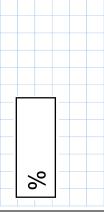
Primary 5-a-day

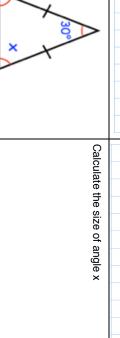
26th October

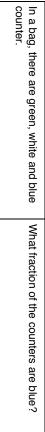
Name:

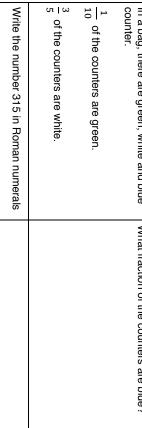












$$\frac{2}{11} = \frac{28}{2}$$

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2		
2 0		
0 1		
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	2		
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	1 0 8 0		
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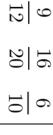
	What is the perimeter of this rectangle?
3.46 cm	
	5.7 cm

Two of the fractions are equivalent

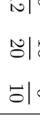
Circle the equivalent fractions.

12	•
$\overline{20}$	۲
10	(

312



ω| Ν



دىد	ater.	lichael and Rosie each have a bottle of
-----	-------	---

lichael's bottle contains
$$1\frac{3}{4}$$
 litres

Michael's bottle contains
$$1\frac{3}{4}$$
 litres

Michael and Rosie each have a bottle of water. How many more **millilitres** of water does Rosie have than Michael? Rosie's bottle contains
$$1\frac{3}{4}$$
 litres.

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Primary 5-a-day

27th October

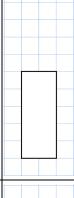
2

Michael's bottle contains $1\frac{3}{4}$ litres Michael and Rosie each have a bottle of water. Circle the equivalent fractions. Two of the fractions are equivalent What is the perimeter of this rectangle? Rosie's bottle contains 2.2 litres. -= <u>28</u> How many more **millilitres** of water does Rosie have than Michael? 3.46 cm 2 0 1 0 8 0 5.7 cm

Simplify $\frac{7}{28}$

Simplify
$$\frac{7}{28}$$

%



%

14 × 10

٧

 $80 \div 20$



 $120 \div 5$

Circle any pattern that has a line of symmetry



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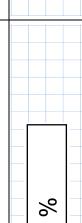
Name:

Primary 5-a-day

28th October

Simplify
$$\frac{7}{28}$$

%









 14×10





 $80 \div 20$





Circle any pattern that has a line of symmetry





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29th October Work out the **sum** of 538,597 and 765,432 Mass (kilograms) × 12 10 8 6 6 2 0 Toto 3 9 3 8 Max Primary 5-a-day Pepsi Work out the mean mass of the puppies. Work out 25% of Toto's mass. $25 \times 8 \times 7$

Name: Work out the **sum** of 538,597 and 765,432 29th October Mass (kilograms)

×

 $25 \times 8 \times 7$

Primary 5-a-day

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Toto

Max

Pepsi

Work out the mean mass of the puppies.

Work out 25% of Toto's mass.

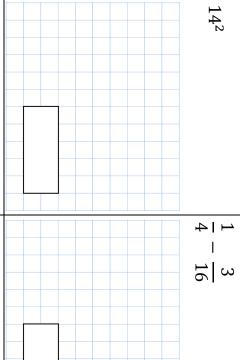
12 10 8

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30th October Primary 5-a-day

_		
_		
2		



Rhys buys 3 magazines.

Work out how much change Rhys should receive.

The first magazine cost £4.99
The second magazine cost £3.45
The third magazine cost £4.80

He pays with a £20 note.

A parallelogram is translated from position Complete the sentence A to position B

The parallelogram has moved

squares to the left

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Primary 5-a-day

30th October		
14^2	$\frac{1}{4} - \frac{3}{16}$	
Rhys buys 3 magazines.	Work out how much change Rhys should receive.	ange Rhys should
The first magazine cost £4.99 The second magazine cost £3.45 The third magazine cost £4.80		
He pays with a £20 note.		
A parallelogram is translated from position A to position B	Complete the sentence	
	The parallelogram has moved	squares to the left
-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x	and	squares up
5		

Primary 5-a-day

31st October	
C 4	6
_	$\frac{1}{9}$
Natalie travels from her home to London.	How far was Natalie from home when she visited Edward?
60 Distance from home (miles)	
20	How long did Natalie stop for?
She stopped and visited her friend Edward on the way.	
Jack buys three pens.	
He pays with a £20 note. His change is £13.49	
How much would two pens cost?	

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Primary 5-a-day

Name:

He pays with a £20 note. His change is £13.49 She stopped and visited her friend Edward on the way. 31st October How much would two pens cost? Natalie travels from her home to London. Jack buys three pens. × 20 09:00 10:00 11:00 6 4 7 9 12:00 13:00 Simplify $\frac{6}{9}$ How far was Natalie from home when she visited Edward? How long did Natalie stop for?