Name:		

HEROES TUITION

October Homework Maths Gold

Please return this booklet to you Maths teacher by the end of the month. All answers will be sent to your parents or guardians, so please ensure it is marked before handing it in.



Name:

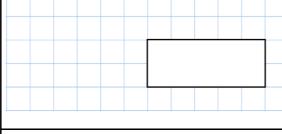
1st October

Gold



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		_		1	5					
Si	m	pli	fy							
				4	ŀ5					

7.59 - 1.998



Here are five letters on a scale

1 kilogram	B	I	E 2 kilograms
	•	C D	1

Match each letter to one of the masses in the list

4	А	4		
1	4	1	O	a

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

Three whole numbers add up to 40.

Magnus says,

"All three numbers must be even."

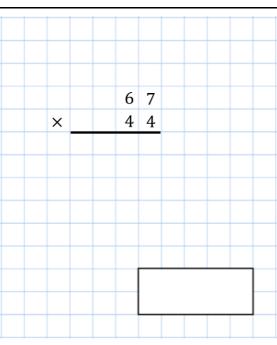
Is Magnus correct?

Name:

Gold







7 - 3 8 4

Cheese £1.10 per 100g

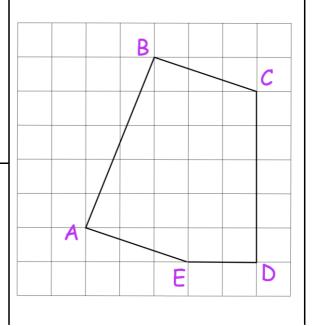
Work out the cost of 250g of cheese

Which two lines are parallel?

AB BC CD DE EA

Which two lines are perpendicular?

AB BC CD DE EA

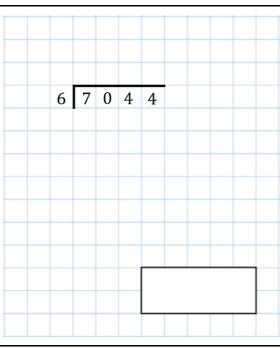


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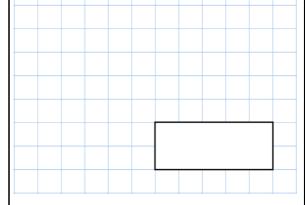
Gold





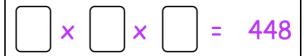


 $\frac{1}{10} \times 8$

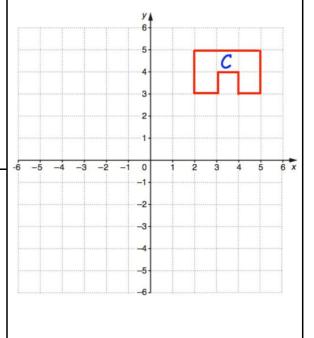


Three single-digit numbers multiply to make 448

Write the missing numbers



Plot the point (-4, -3)



Reflect C in the y-axis

Name:	Gold
4th October	
50% of 170	45 × 21
A house is 10 metres wide and 7 metres tall.	How tall is her model?
Not to scale	
7m 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	

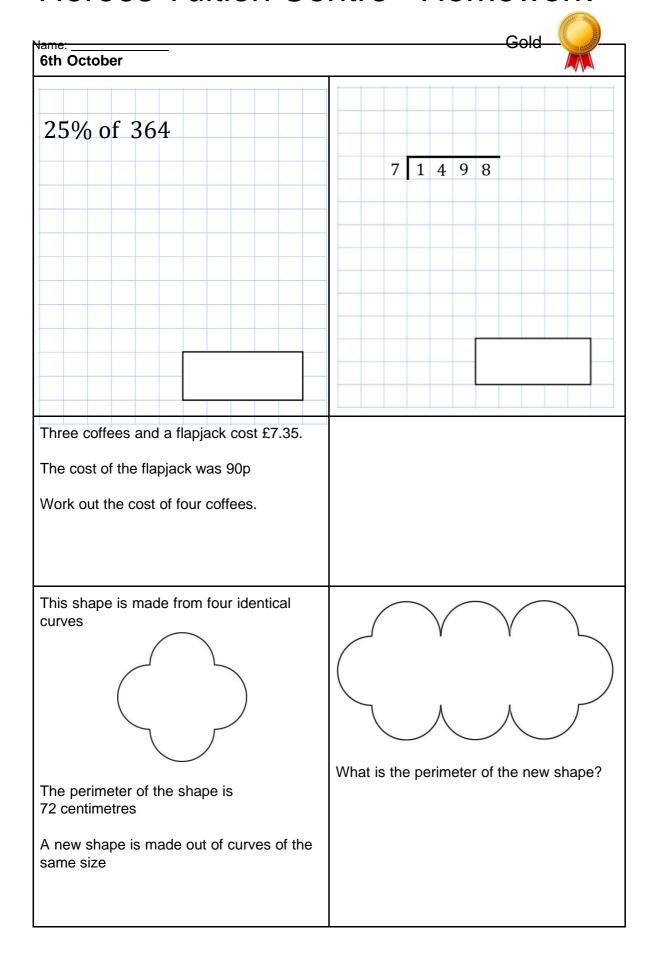
Name:

Gold

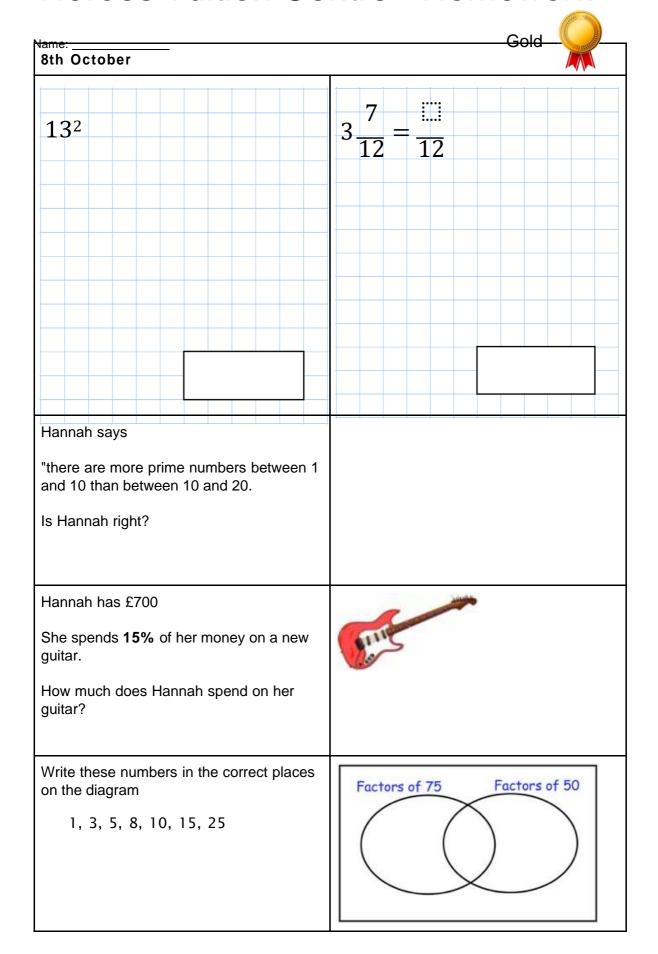


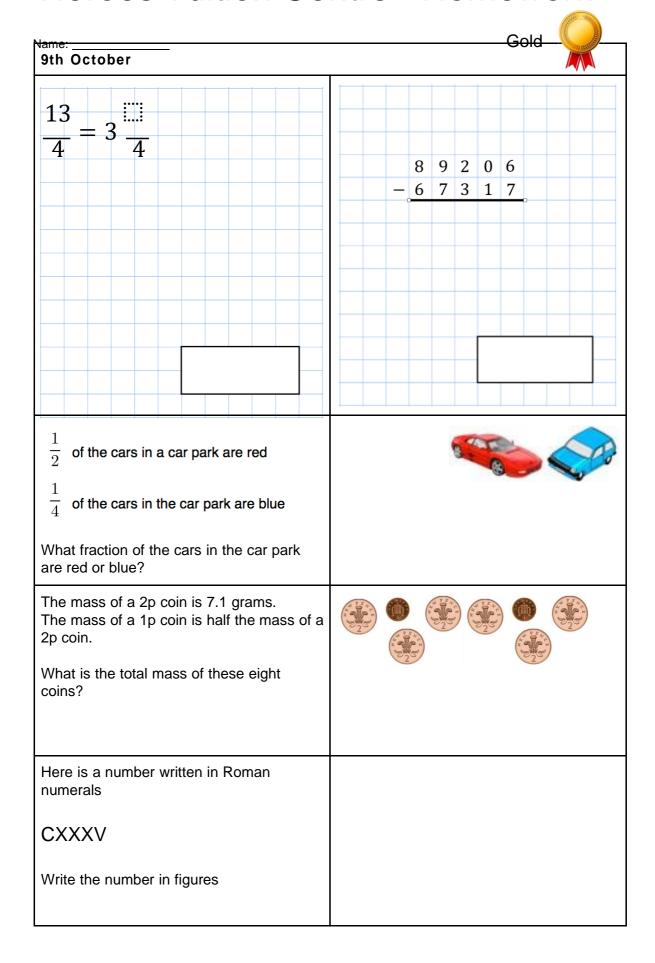
5th October	
0.3 ÷ 10	2.76 + 1.451
27°	Calculate the size of angle x
A box contains 1.8kg of rice Laura uses 45 grams of rice for each meal. She uses all the rice.	
How many meals did Laura make?	1.8kg

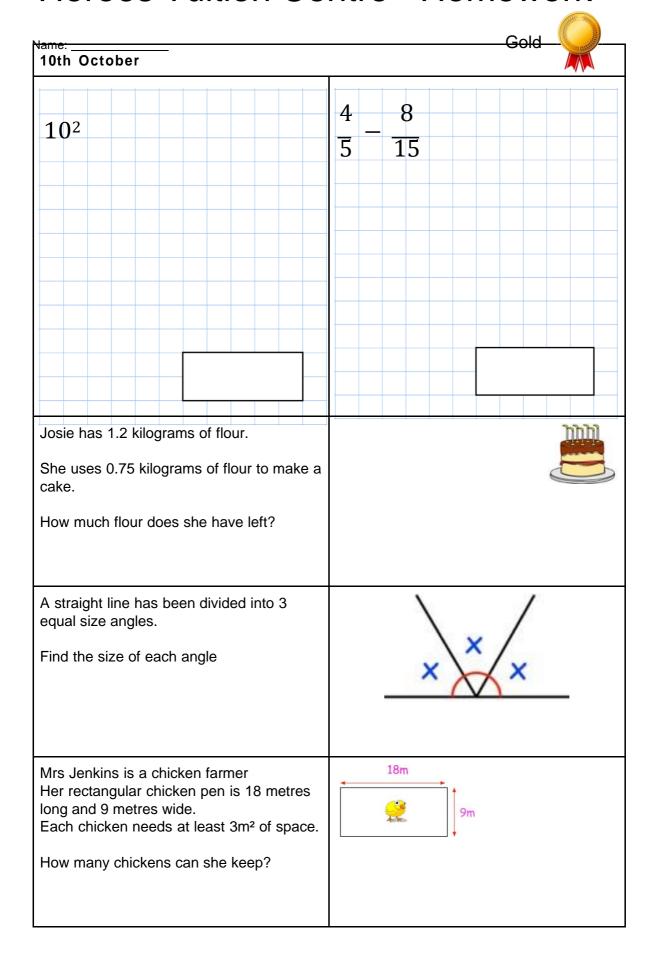
Hendrik has five coins.	What are the coins that Hendrik has?
Three of the coins add to £1.40 Three of the coins add up to £2.40 All five coins add up to £3.60	



lame: 7th October									-G	old)) (C	<u>)</u> —
O.75 =	a cube.	cube will	53	3 ×	1	8		X				
have crosses on	opposite faces											
	f London is 8,136 people live in Loi ities combined?											
City	Population											
Brighton	273,369											
	190,687	<u> </u>										
Preston	170,007	1										
Preston Birmingham	1,224,136											

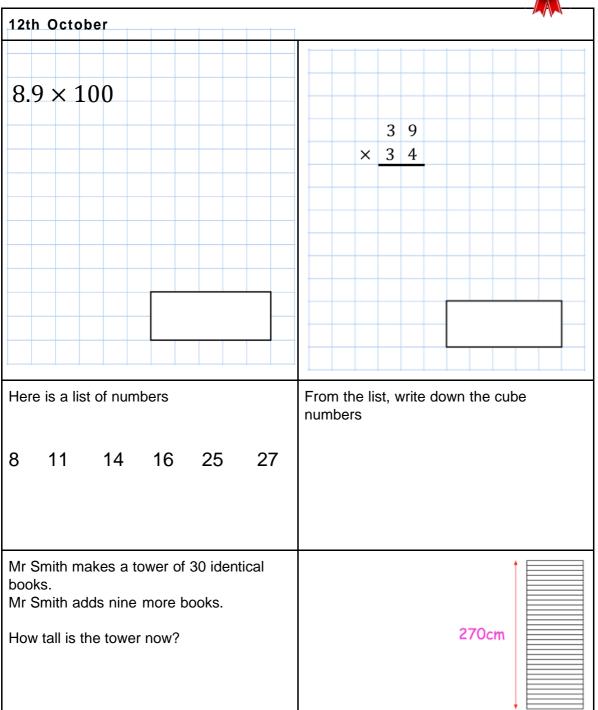




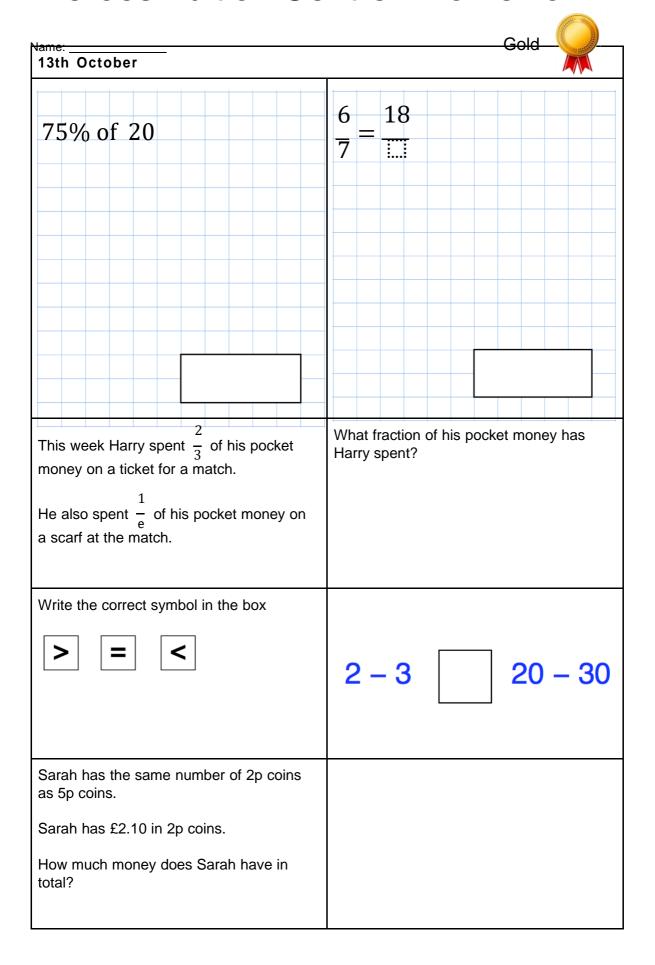


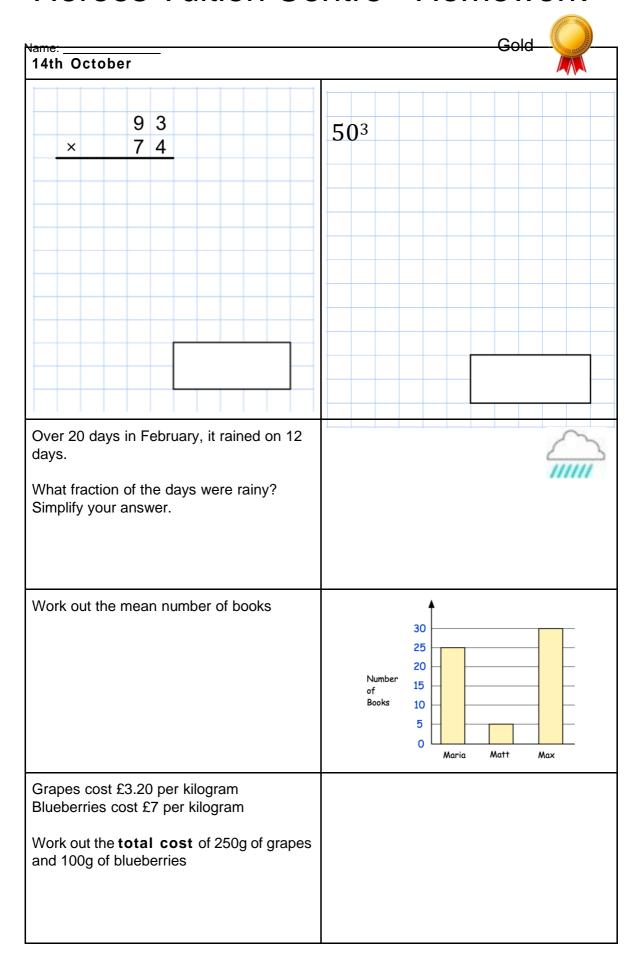
Name: 11th October	Gold
8 = 64	
72	5 8 0 0 2 + 3 1 0 1 9
Work out the area of the triangle	18m
20% of the children at a school are left handed.	
There are 250 children at the school.	
How many children are left handed?	
Write three factors of 40 that are not factors of 36	

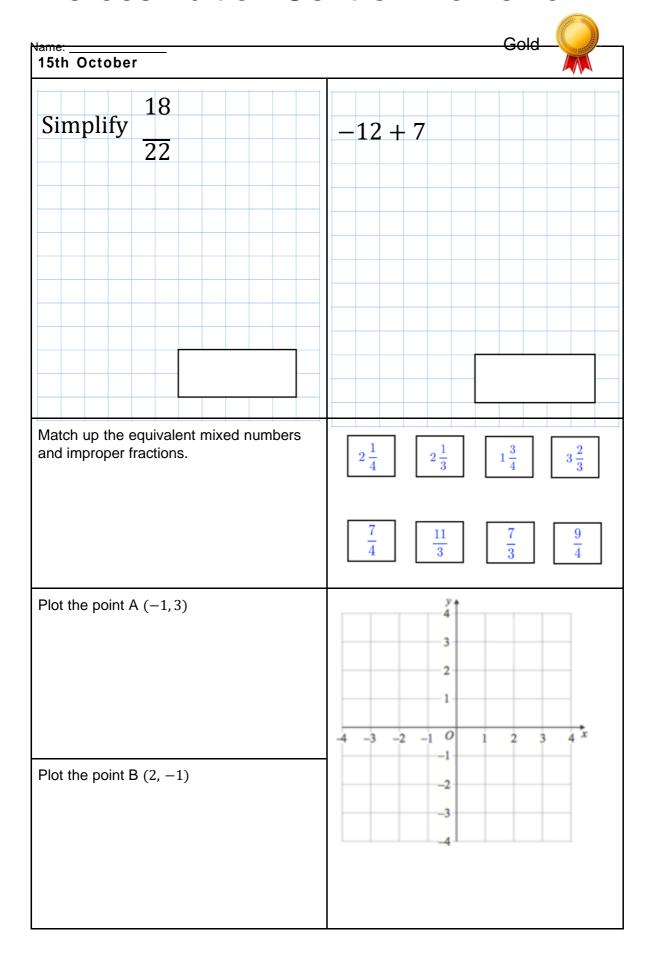
Name: _____ Gold

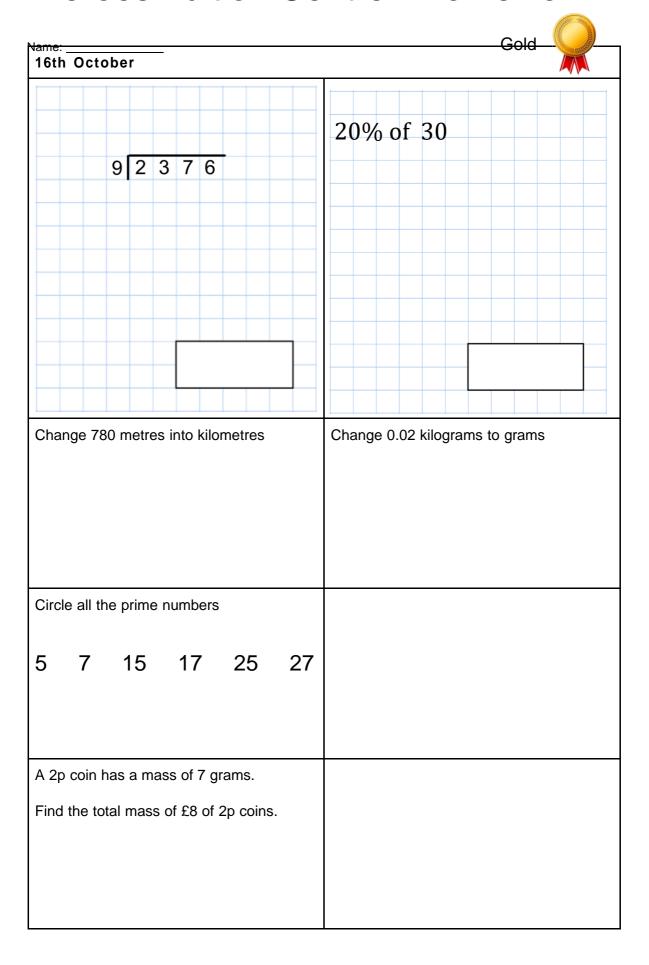


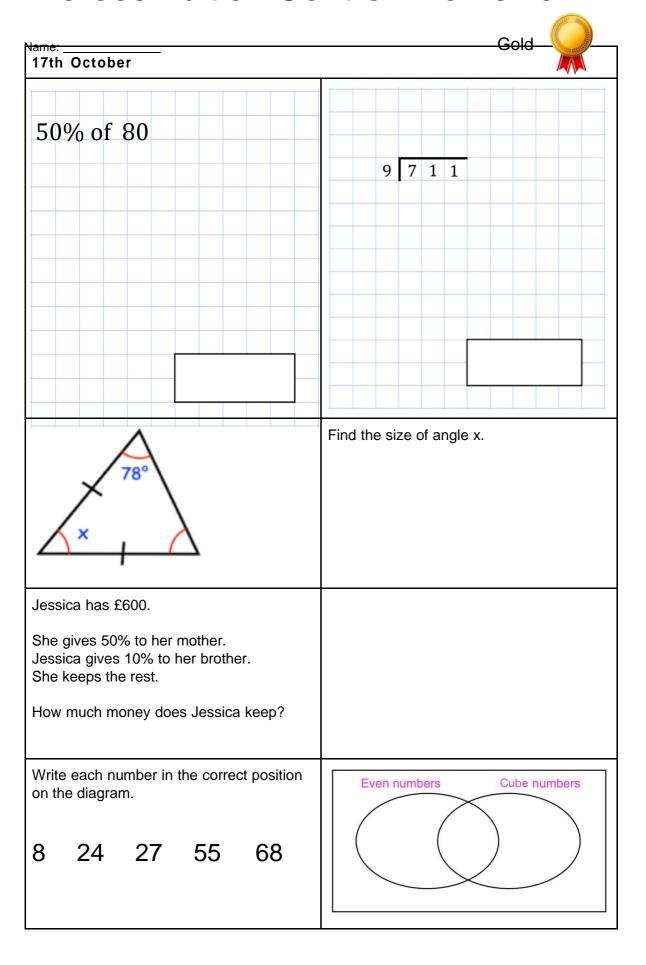
Tick two numbers that are equivalent to $\frac{3}{5}$	35%
	$\frac{30}{50}$
	0.35
	0.6

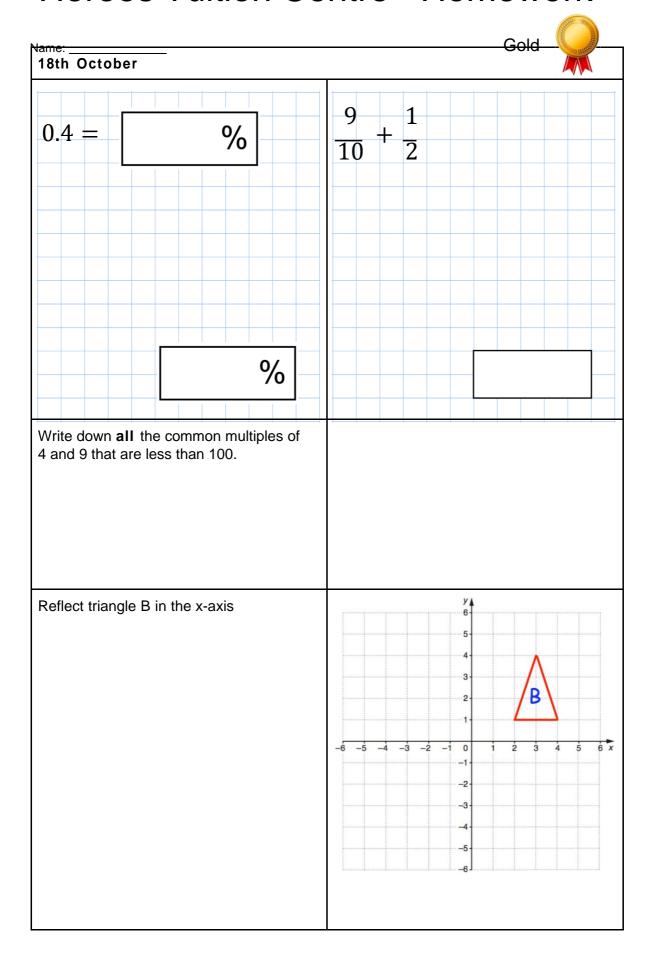




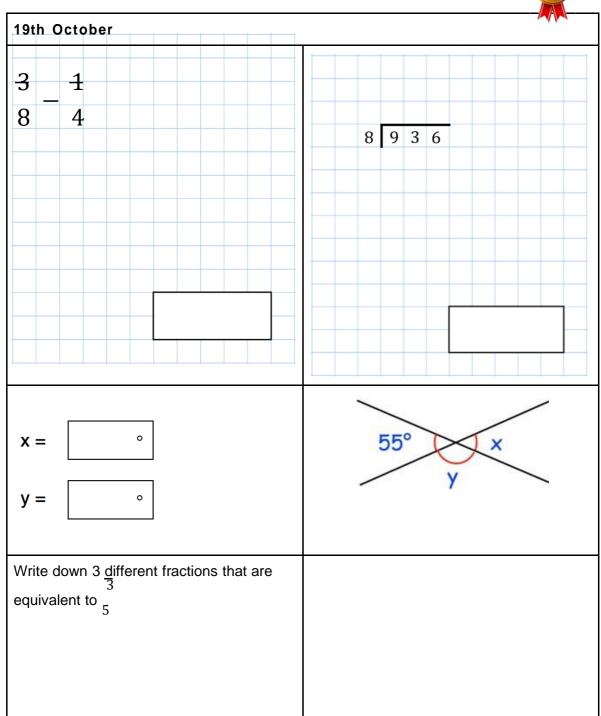






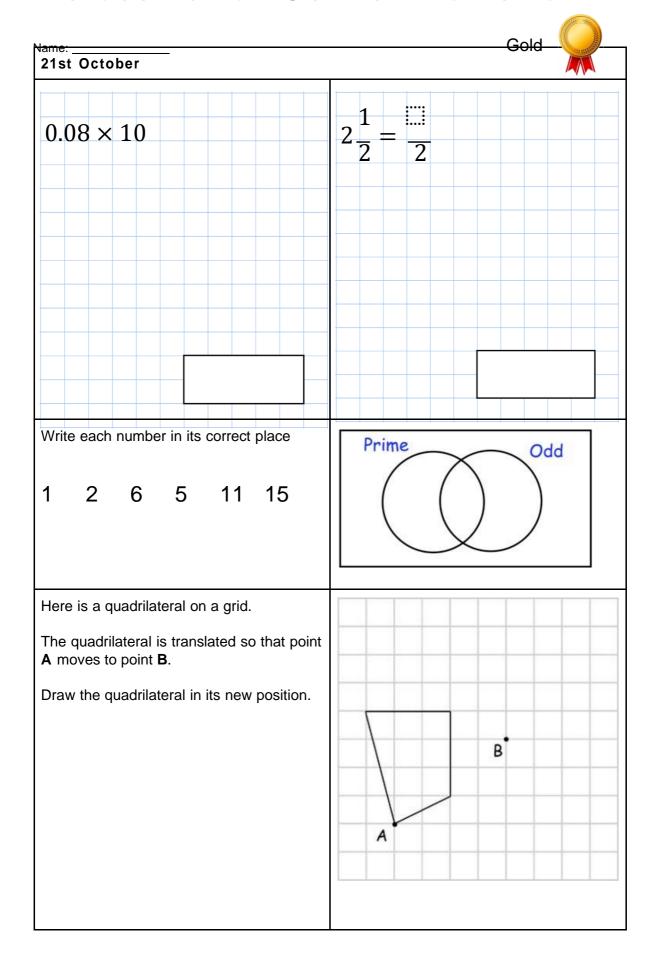


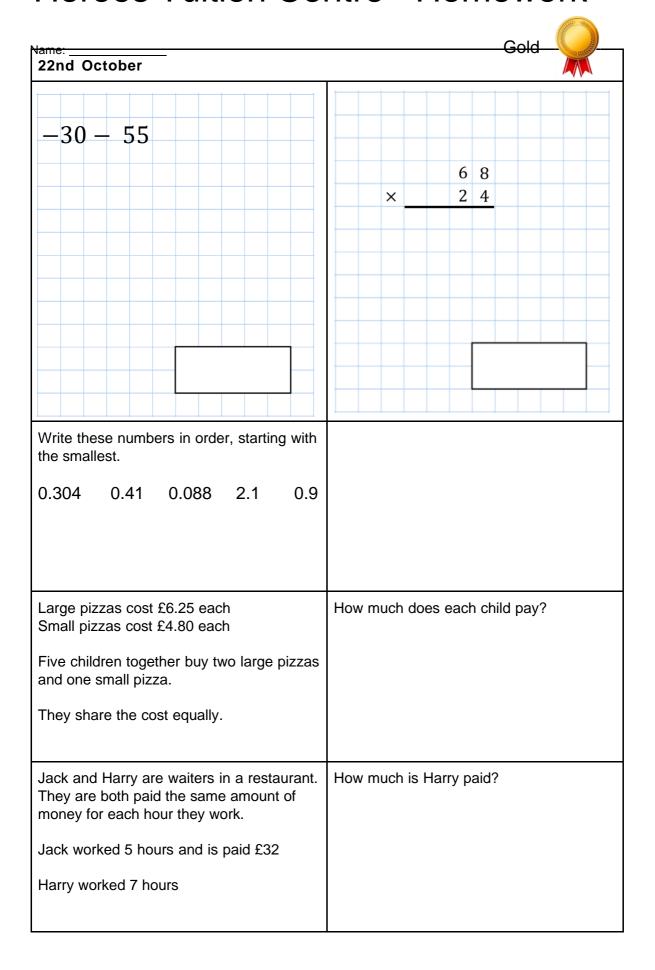
Name: _____ Gold



Sophie has £2.12 Orla has 84p	
How much money should Sophie give Orla so that they have the same amount of money?	

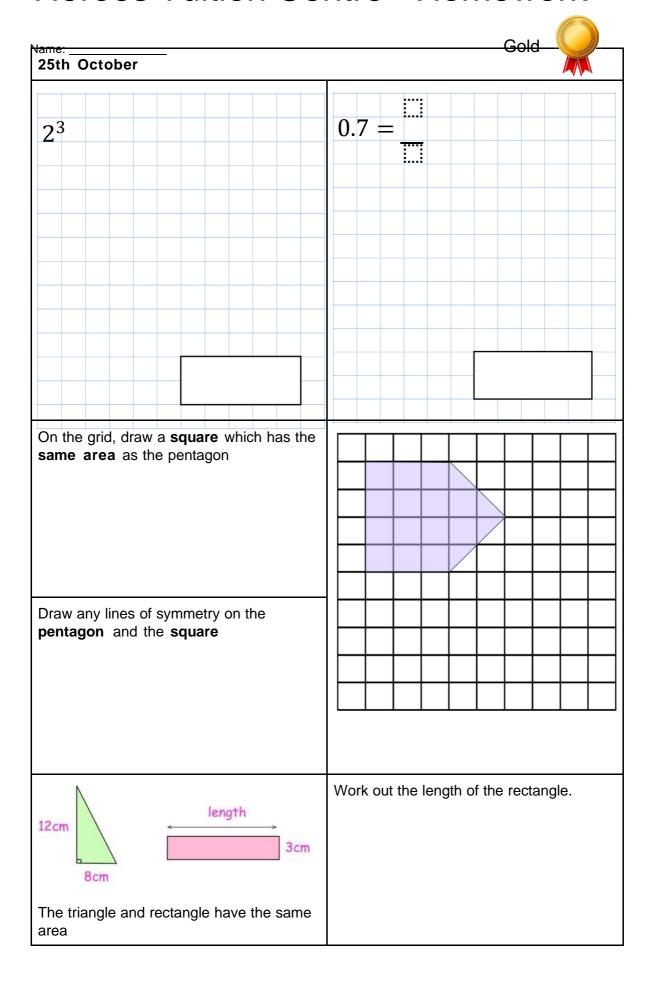
Name:	Gold Gold
20th October	
$5 \times 5 \times 5 \times 5$	1,032 ÷ 6
Write down the size of the angle being measured.	10 10 10 10 10 10 10 10 10 10 10 10 10 1
A group of 9 friends go on a coach too. The total cost of the tour is £648 How much does each person pay?	ır.
Magnus has five coins Three of 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?	



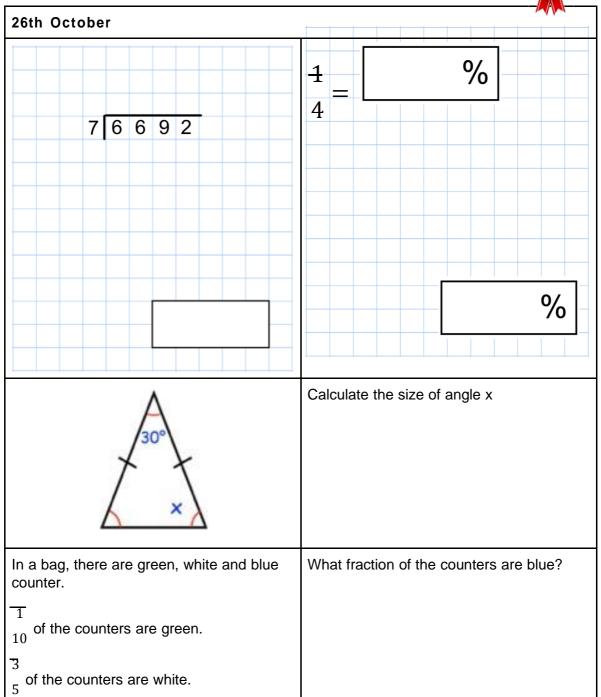


√ame:	Gold
23rd October	
75% of 600	92
Jon and Callum have the same number of coins. Jon has £9.40 in 20p coins. Callum has 50p coins. How much money does Callum have?	
Emily has four pots of crayons. Three of the pots have 10 crayons and the other pot has 6 crayons. What is the mean number of crayons in a not?	
Saffron costs £6.18 per gram. What is the cost of a tenth a kilogram of saffron	

Name: 24th Oc	tobe	er												(∫ol	d		
×		1	0 1	5 1					1 3	+	2 11							
List the fi	rst fiv	ve p	rime	e num	bers													
An adult t	icke	for	a fo	otbal	mato	h is	£9.0	00										
A child tic ticket.	ket i	s 20)% c	cheap	er tha	ın an	adı	ult										
How muc	h is	a ch	ild t	icket?														
In Victoria							ents						stuc	ctly dents r gla	in '	the	S	



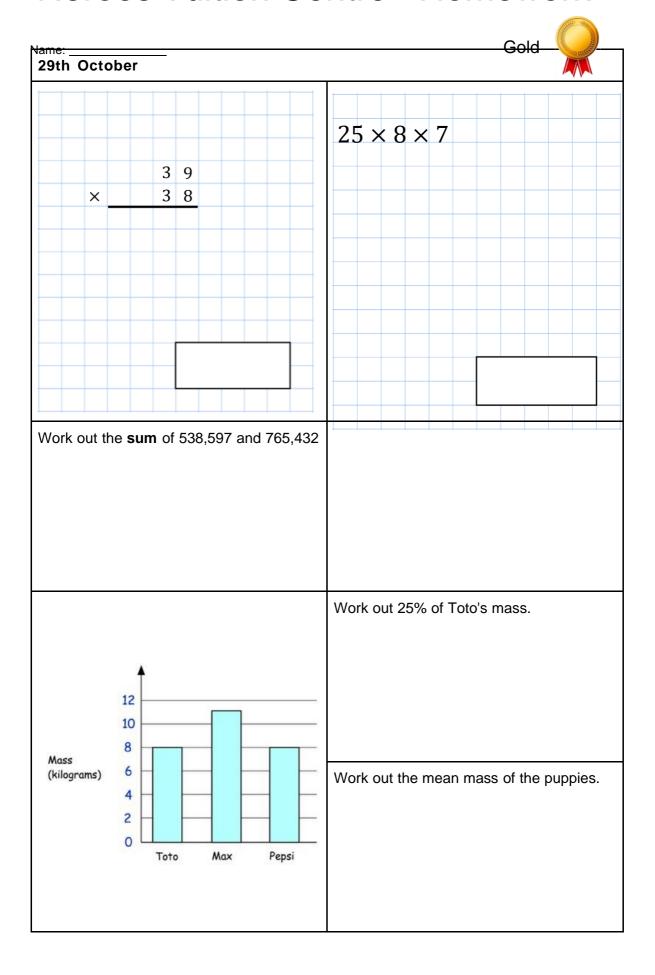
Name: _____ Gold

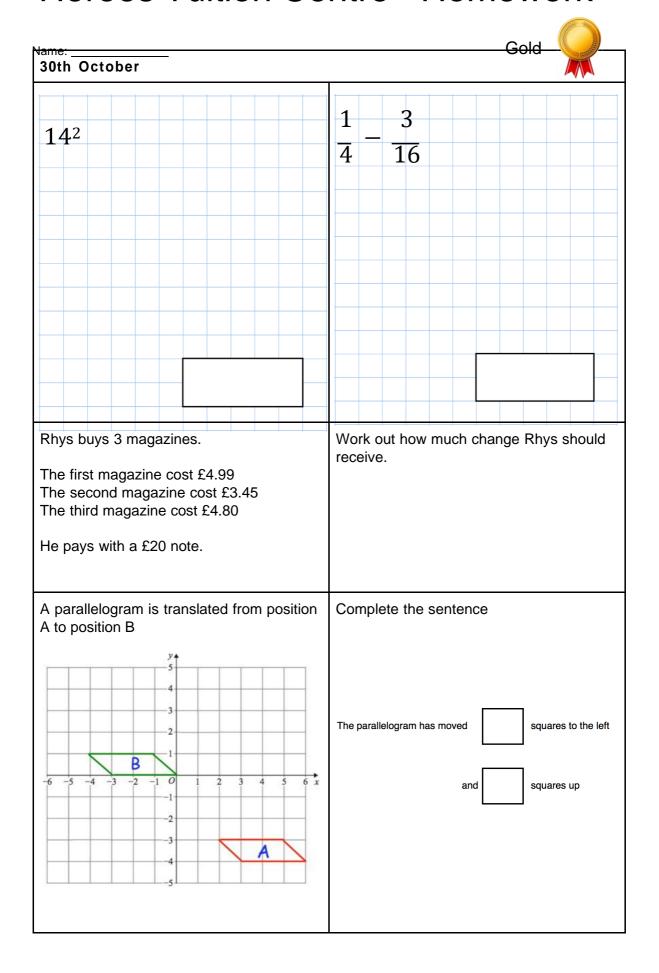


Write the number 315 in Roman numerals	

Name: _												Gold	<u> </u>	1	<u>)</u>
	October											0010	•		
															$\overline{\Box}$
2	28														
11	= 												+		
11						2	0	1	0	8	0				
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															\Box
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vviiai	is the peni	neter or t	ilis reciair	gi e :						5.7	Cm				
					3.4	16 c	m								
Two o	f the fracti	one are e	auivalent												
1 WO O	i iiie iiacii	ulis ale e	quivalent												
Circle	the equiva	alent fracti	ions.												
_	10		4.0												
2	12	9	16	6											
$\frac{2}{3}$	$\frac{12}{15}$	12	20	$\overline{10}$											
3	10	14	20	10											
Micho	al and Dag	via agab b	ava a bat	Ho of	Цол		001	ma	ro r	w:11	:1:4	*** • • • •	:	tor d	
water.	el and Ros	sie each i	iave a boi	ille oi	Ros							res of ?	wa	ter ac	jes
			3												
Micha	el's bottle	contains]	$\frac{3}{4}$ litres												
	s bottle co														
- 3. 3															

Name: 28th October	Gold
Simplify 7 28	2 = % 5 = %
	%
Write the correct symbol in each box to make the statements correct.	12 × 12
	80 ÷ 20 75 ÷ 25
	60 × 4 3 × 80
	120 ÷ 5
Circle any pattern that has a line of symmetry	





Name: _____ Gold

