Rainbow International School
Curriculum/ British
License NO.4340140079
Ministry of Education
General Directorate of Education/ Riyadh

مدارس قوس قزح العالمية
المنهج / بريطاني
ترخيص رقم . 4340140079
تحت اشراف وزارة التربية والتعليم

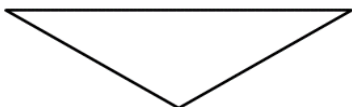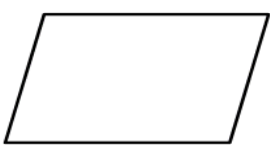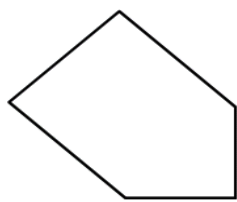QUALIFI

Final Exam Revision Sheet

G4

For each of the shapes below, fill in the number of sides, mark on and write down the number of right angles, and write down the name of the shape.
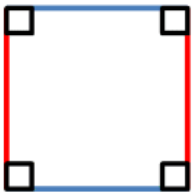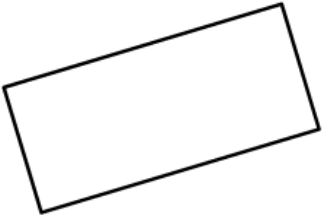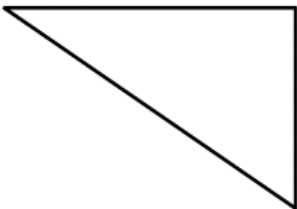
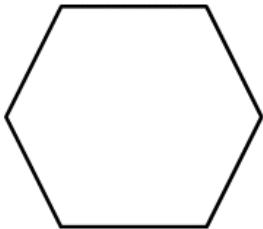|		
Sides: Right angles: Name of shape	Sides: Right angles: Name of shape	Sides: Right angles: Name of shape
Sides: Right angles: Name of shape	Sides: Right angles: Name of shape	Sides: Right angles: Name of shape

Pentagon	Parallelogram	Right triangle
Isosceles Triangle	Hexagon	Rectangle

For each of the shapes below,

- shade the parallel lines, using a different color for each pair;
- write down the number of pairs of parallel lines;
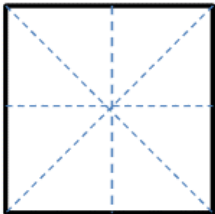- mark in the right angles using a square.
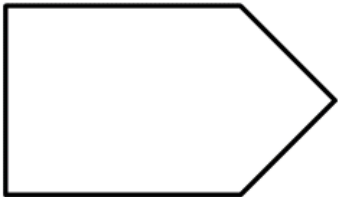
The first one is done for you.

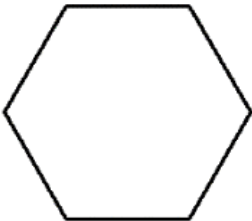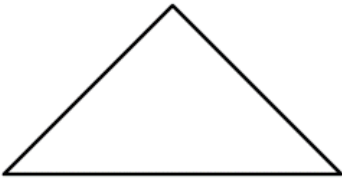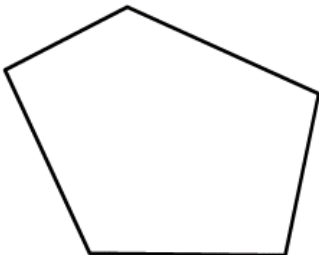|		
Sides: 4 Right angles: 4 Pairs of Parallel lines: 2	Sides: Right angles: Pairs of Parallel lines:	Sides: Right angles: Pairs of Parallel lines:
Sides: Right angles: Pairs of Parallel lines:	Sides: Right angles: Pairs of Parallel lines:	Sides: Right angles: Pairs of Parallel lines:

For each of the shapes below,

- draw the lines of symmetry in each shape;
- name each shape.

The first one has been done for you.
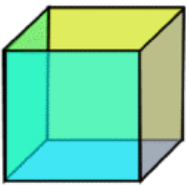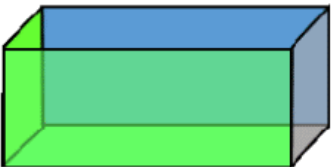
Sides: 4 Lines of symmetry: 4 Name of shape square	Sides: Lines of symmetry: Name of shape	Sides: Lines of symmetry: Name of shape
Sides: Lines of symmetry: Name of shape	Sides: Lines of symmetry: Name of shape	Sides: Lines of symmetry: Name of shape

For each shape, write down the number of faces, edges and vertices it has. If you are not sure, can you find or make an example of the shape to have a look at.

Remember:

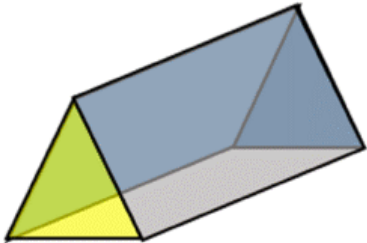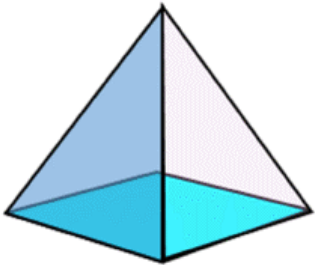face

edge

vertex (corner)
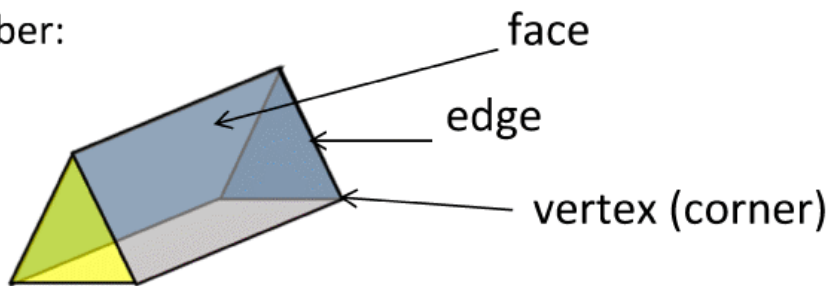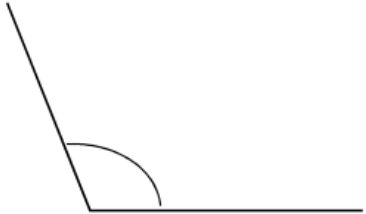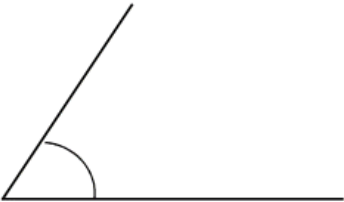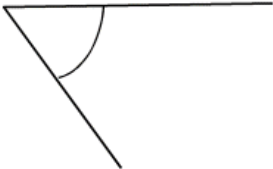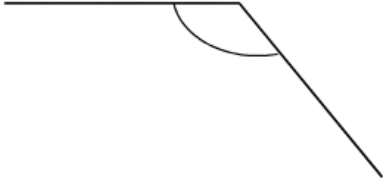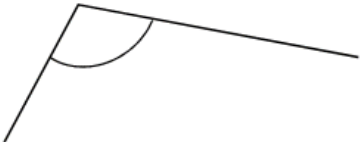
A triangular prism has 5 faces, 9 edges and 6 vertices.

Shape	Properties
Name of shape: _____	Faces: Edges: Vertices:
Name of shape: _____	Faces: Edges: Vertices:

For each shape, write down the number of faces, edges and vertices.

Shape	Properties
Name of shape: 	Faces: Edges: Vertices:
Name of shape: 	Faces: Edges: Vertices:
Name of shape: 	Faces: Edges: Vertices:

For each angle, write down whether it is **right**, **acute**, **obtuse**, or **straight**.

Angle:	Angle:	Angle:
Angle:	Angle:	Angle:
Angle:		Angle:
Angle:		Angle:

Use your knowledge of fraction and the number system to work out these measurements. Remember to write down the units of measurement.

1) How long? _____
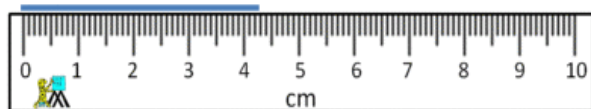
2) How long? _____
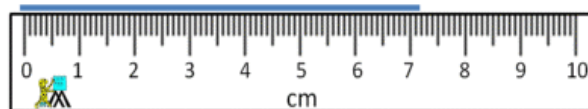
3) How much? _____
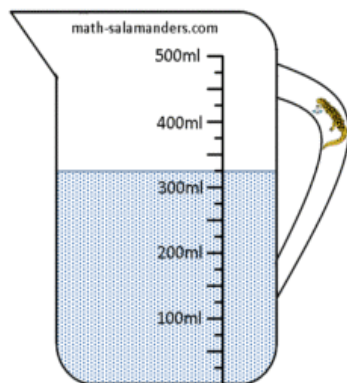
4) How much? _____
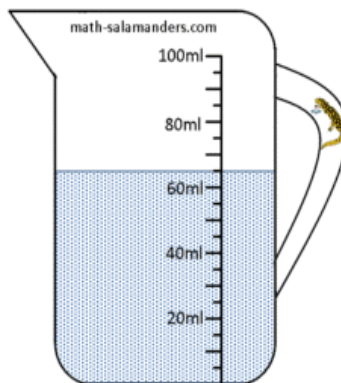
5) How much? _____
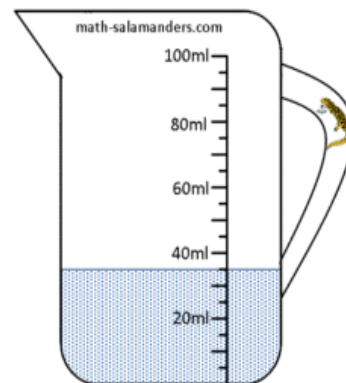
6) How long? _____
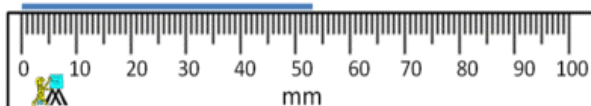
7) How long? _____
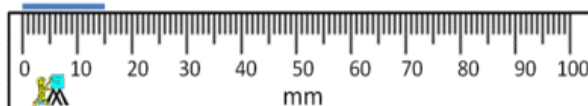
8) How heavy? _____
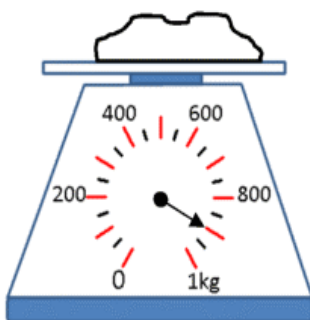
9) How heavy? _____
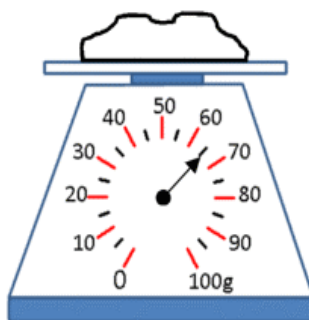
10) How heavy? _____
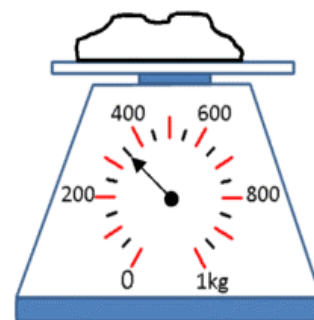
Here is a selection of some of the tallest trees in the world today.

Tree	Height (m)	Order of height
Australian Mountain Ash		
Coast Douglas Fir	99	
Coast Redwood	116	
Giant Sequoia		
Manna Gum	89	1
Sitka Spruce		
Tasmanian Blue Gum	91	
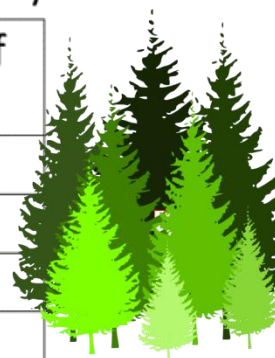
1) Use the data below to complete the missing information in the table.

- The Sitka Spruce is 8m taller than the Manna Gum tree.
- The Giant Sequoia is 21m shorter than the Coast Redwood.
- The Australian Mountain Ash is 11m taller than the Manna Gum.

2) Put the trees in order of height, from 1 to 7, with 1 being the shortest and 7 being the tallest.

3) How much taller is the Coast Redwood than the Sitka Spruce? ____ m

4) How much shorter is the Manna Gum than the Coast Redwood? ____ m

5) Tyger climbs halfway up a tree. He is 45½m off the ground. Which tree has he climbed? _____

6) The height of a mature oak tree is about 21m. Tyger says "The Coast Redwood is taller than 5 mature oak trees." Is he correct? _____

Here are facts about some of the members of the cat family.

Name	Average Weight (kg)	Speed (kph)
Cheetah		121
Lynx	26	47
Lion	190	77
Cougar	73	69
Leopard	67	58
Tiger		

1) Use the information below to complete the information in the table:

- The cheetah is 7kg lighter than a leopard.
- The tiger can run 13kph faster than a lynx.
- The tiger is 37kg heavier than a lion.

2) Put the animals in order of weight, from lightest to heaviest.

_____ _____ _____ _____ _____ _____

3) How much heavier is a cougar than a lynx? _____ kg

4) How much faster is a cheetah than a leopard? _____ kph

5) Tyger says "The cheetah is more than twice as fast as a leopard." Is he right? _____

6) Tyger says "A lion is a faster and heavier animal than a tiger." Is he right? _____

7) Tyger says "A cougar would be heavier than 3 lynxes." Is he right? _____

1) 3 km = _____ m   2) 2 cm = _____ mm

3) 4000 g = _____ kg   4) 300 cm = _____ m

5) _____ L = 3000 mL   6) _____ g = 3 kg

7) 8 L = _____ mL   8) _____ mm = 10 cm

9) 5 m = _____ cm   10) _____ m = 6 km

Which is the most? Circle the largest amount in each box.

1 kg	3 km	7090 g	3 L
(1300 g)	500 m	7200 g	2300 mL
950 g	3040 m	7 kg	1950 mL

Use greater than (>), less than (<) or equals (=) to compare the amounts.

1) 1 L   > 590 mL   2) 50 mm   6 cm

3) 3000 g   2 kg   4) 800 cm   8 m

5) 960 mL   1 L   6) 4200 g   5 kg

7) 65 mm   6 cm   8) 7 L   860 mL

9) 2 km   320 cm   10) ½ km   460 m

11) 6000 g   6 kg   12) 7 cm   700 mm

Write the correct time underneath each clock.

E	I	M	O

P	S	T	Y

Write the correct letter under each time to crack the code.

7:11	3:42

7:11	7:58

7:58	7:11	12:47	1:15

7:58	10:02

3:42	7:58	10:02	8:24

5:08	1:15	7:58

Use the clues to find the correct clock from the 6 possibilities.

CHALLENGE 1

- I am between 1 o'clock and 4 o'clock.
- I am not a half-past time.
- I am closer to 2 o'clock than 1 o'clock.

What time am I? _____
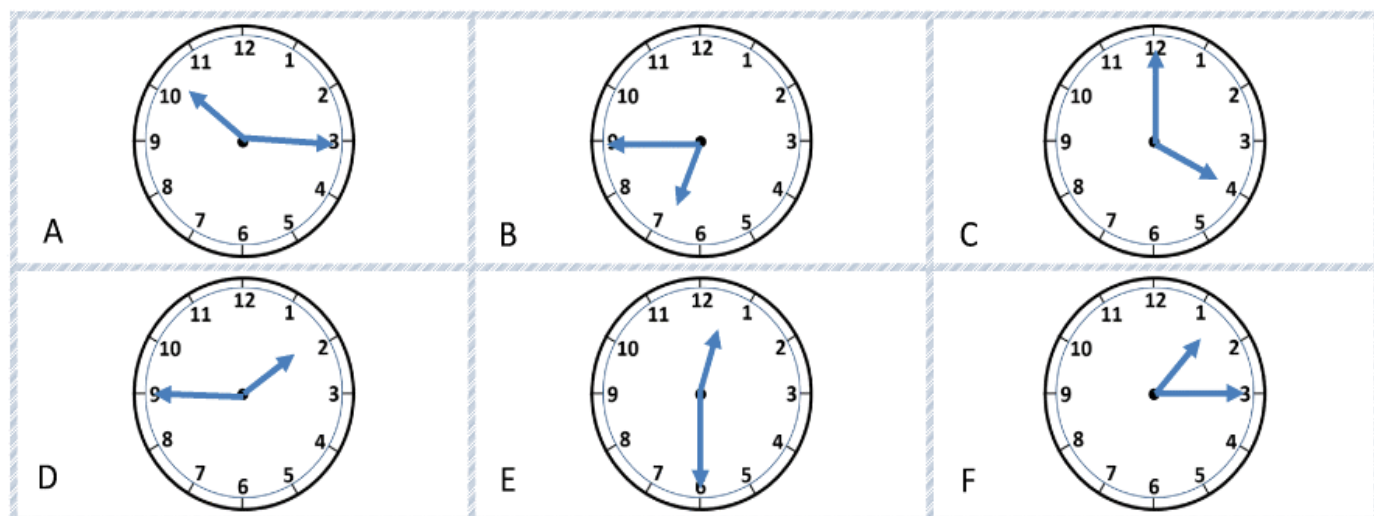
CHALLENGE 2

- I am not an o'clock time.
- My time is between 12 o'clock and 2 o'clock.
- I am not a quarter-past time.
- My time is half-way between 12 o'clock and one o'clock.

What time am I? _____

Draw lines to match the correct digital time to each clock.

20 to 8
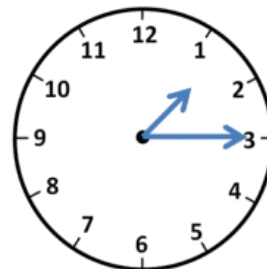
Quarter past 1

5 past 6

10 past 5
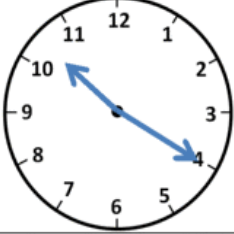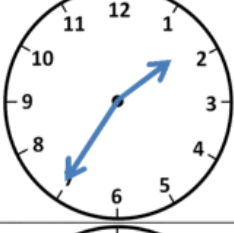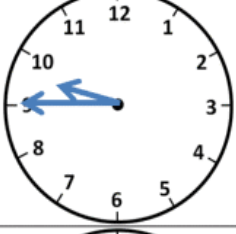
20 past 8
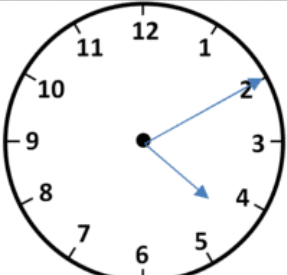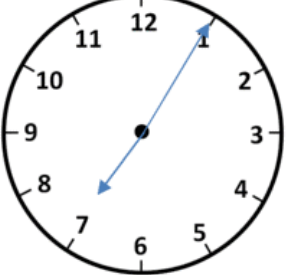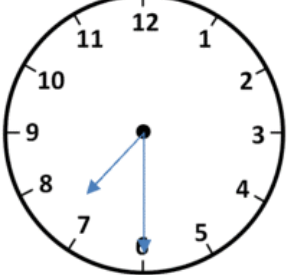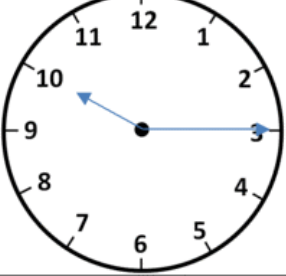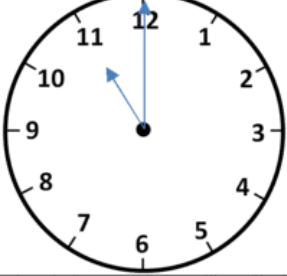
Quarter to 11

Write down the correct time in digital.

Clock	Instruction	Answer
	5 minutes later	9:05
	10 minutes earlier	
	20 minutes later	
	1 hour later	
	15 minutes earlier	
	20 minutes earlier	
	10 minutes earlier	
	15 minutes later	
	1 hour earlier	
	30 minutes later	
	25 minutes earlier	
	30 minutes earlier	

Work out the elapsed time between the times on the two clocks.

	TO	_____ minutes
	TO	_____ minutes
	TO	_____ minutes
	TO	_____ minutes
	TO	_____ minutes

Work out the area and perimeter of the following rectangles.
Each square on the sheet is 1 square cm. Remember **area** is the **number of squares inside**, and **perimeter** is the **distance round the outside** of the shape.

1)
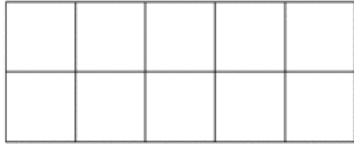
Area   = _____ square cm

Perimeter = _____ cm

2)

Area   = _____ square cm

Perimeter = _____ cm

3)
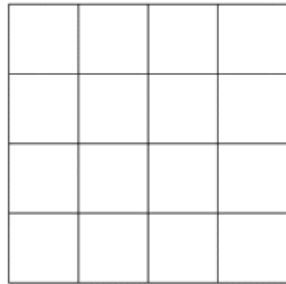
Area   = _____ square cm

Perimeter = _____ cm

4)
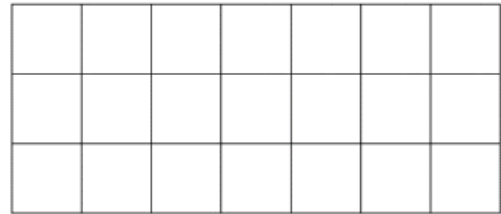
Area   = _____ square cm

Perimeter = _____ cm

5)
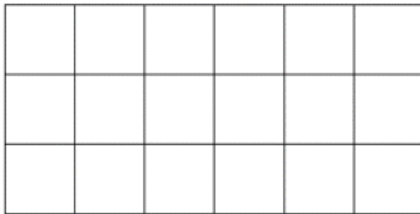
Area   = _____ square cm

Perimeter = _____ cm

6)
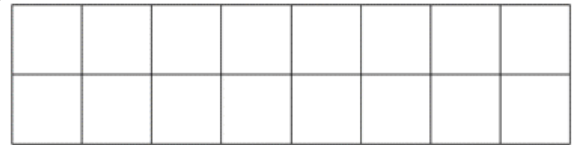
Area   = _____ square cm

Perimeter = _____ cm

A pie shop sells a range of different pies. Here are the sales figures for the number of pies sold for each day in a week.

Each represents 20 pies.

Monday	🥧	🥧	🥧				
Tuesday	🥧	🥧	🥧	🥧	🥧		
Wednesday	🥧	🥧					
Thursday	🥧	🥧	🥧	🥧			
Friday	🥧	🥧	🥧	🥧	🥧	🥧	
Saturday	🥧	🥧	🥧	🥧	🥧	🥧	🥧

1) How many pies were sold on Thursday? _____

2) Which day were the most pies sold? _____

   How many pies were sold on that day? _____

3) How many more pies were sold on Tuesday than Wednesday? _____

4) There were more pies sold on the last two days than the first four

   days. True or false? _____

5) How many pies were sold in total that week? _____

6) Draw a bar graph for the number of pies sold that week.

Put these 8 numbers in the correct places in these Venn diagrams.

| 15 | 21 | 7 | 2 | 10 | 16 | 25 | 30 |

1)

Multiple of 3   Even

2)

Multiple of 5   Greater than 12
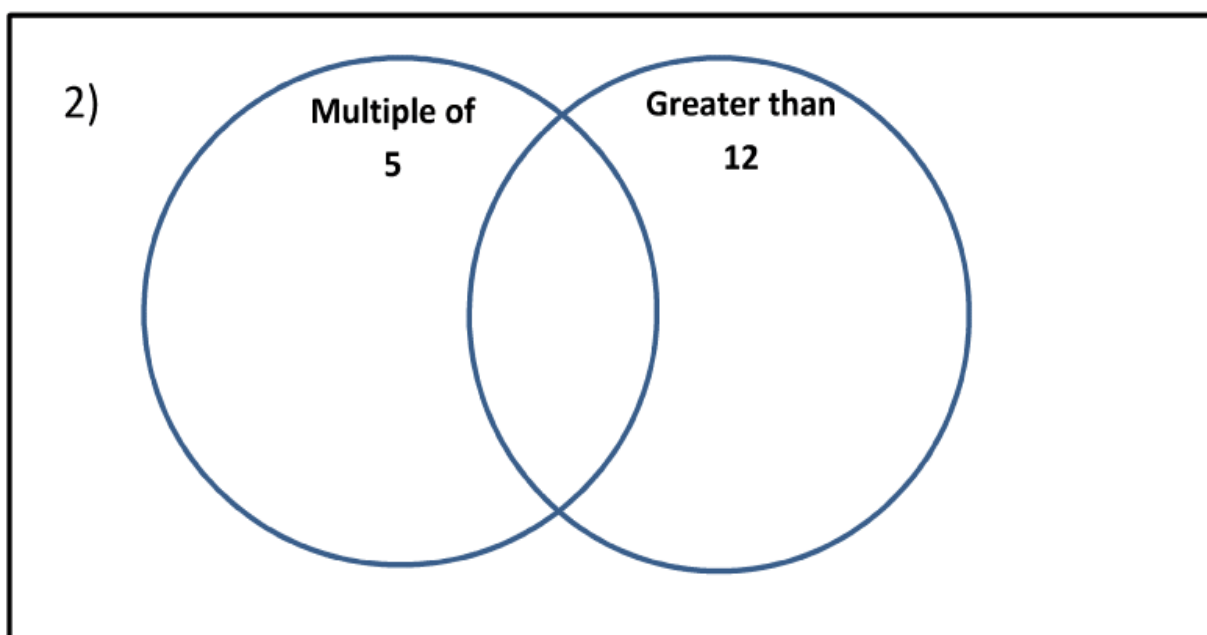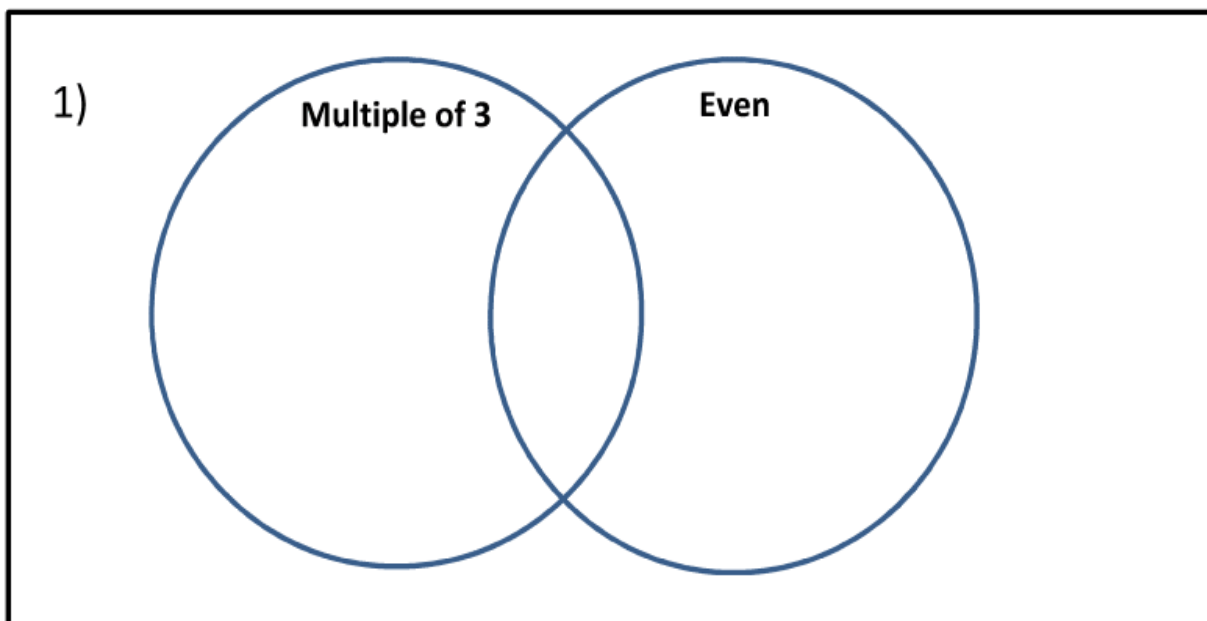
We can write a ratio in its simplest form by dividing both sides of the ratio by the same number.

Example: to get the ratio 4:10 in its simplest form we can divide both sides by 2 to give us 2:5. We cannot divide this ratio any further so it is in its simplest form.

1)

What is the ratio of butterflies to snails? ___ : ___

What is this ratio in its simplest form? ___ : ___

2)
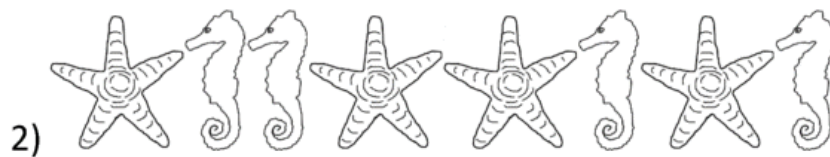
What is the ratio of starfish to seahorses? ___ : ___

Write this ratio in its simplest form ___ : ___

3)

What is the ratio of apples to pears? ___ : ___

What is this ratio in its simplest form? ___ : ___

4) In a zoo, there are 3 tigers and 6 lions.

Write down the ratio of lions to tigers ___ : ___

What is this ratio in its simplest form? ___ : ___

Use Grid method to multiply:

27 x 5 =

X	20	7
5		

48 x 4 =

X		

86 x 5 =

X		

38 x 6 =

X		

54 x 7 =

X		

There are 4 doctors working in a clinic. Each doctor has 2 nurses assisting them. There are two receptionists, Jay and Molly, working at the reception.

1. How many people are working in the clinic?

....

2. On Monday, 23 patients made appointments with each doctor. However, 6 of the patients did not show up. How many patients visited the clinic on Monday?

....

3. On Tuesday, Jay answered 45 phone calls and Molly answered 12 more calls than Jay did. How many calls were answered in total?

....
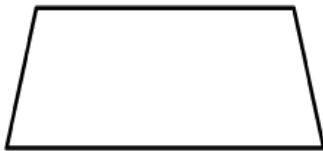
4. On Wednesday, a doctor called in sick. The two nurses and Jay called 36 patients to reschedule their appointments. How many calls did they each make?

....
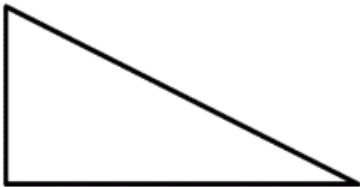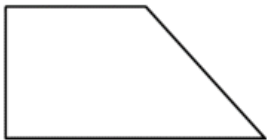
5. Among the calls they made, 13 of the patients decided to cancel their appointments and the rest decided to postpone their appointments. How many appointments were postponed?

....

Mental Maths Tests

Question	
Work out 14 + 5 + 6	
How many sides does a pentagon have?	
What number is halfway between 12 and 20?	
20 – 4	
Write down the number three hundred and seven	
Fill in the missing number 156 = 150 + ___	
What is the missing number in this sequence? 2, 5, 8, 11, 14, 17, ___	
5 x 6	
Which of these numbers is not even? 12, 28, 57, 32, 46, 70	
What is the value of the digit 3 in the number 735?	
What is the name of this shape?	
How many groups of 3 make 15?	
The date is the 15th March. What will the date be in a week's time?	
What is double 43?	
An apple costs 23p. How much do 3 apples cost?	p

500 + 4 + 70	
Half of 30	
What is this triangle called?	
30 − 16	
What is the value of the digit 7 in the number 1726	
Double 14	
5 x 6	
Write down all the odd numbers from the list below 42, 37, 21, 26, 38, 63	
Round 67 to the nearest 10.	
What number comes halfway between 30 and 50?	
How many FIVES make 30p?	
The time is 4:30pm. What will the time be in half an hour?	
How much money is 3 TENS and 3 FIVES?	
What fraction of this shape is shaded?	
How many cm in 7 metres?	

Question	Answer
7 + ___ = 19	
How many sides does a hexagon have?	
10 x 7	
What is the value of the digit 1 in the number 4215?	
Round 73 to the nearest 10	
28 – 25	
Half of 16	
How many minutes in three quarters of an hour?	
How many right angles can you see in the shape?	
The time is 10:20am. What will the time be in 2 hours?	
What is the missing number in the sequence? 39, 37, 35, 33, 31, ___	
14 + 9 + 6	
Write down the number four hundred thirty-six	
The date is 28th April. What will the date be in 5 days' time?	
How many mm is 3 ½ cm?	

3 x ___ = 30	
Write down a multiple of 5 between 22 and 32	
40 ÷ 10	
628 = 600 + 8 + ___	
Write down two thousand nine hundred and fourteen	
What is the next number? 17, 21, 25, 29, 33, ___	
How many vertices does this shape have?	
How many 3s make 21?	
Round 165 to the nearest 10.	
What fraction of the shape below is shaded?	
How much money is 1 TWENTY plus 3 TENS plus 4 FIVES?	
48 - ___ = 42	
The time is 3:40pm. What will the time be in half an hour?	
A pencil costs 31p. How much do 3 pencils cost?	
One yard is 3 feet. How many feet in 7 yards?	
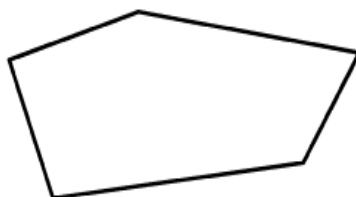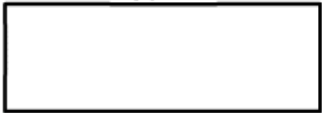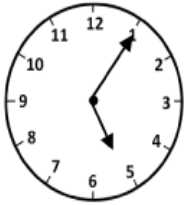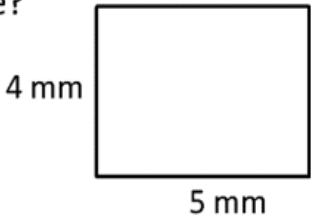
Write down 3 odd numbers that add up to 19	
___ − 4 = 11	
Write down the number one thousand three hundred and twenty.	
21 ÷ 3	
Round 827 to the nearest 100.	
What is the perimeter of this rectangle? 6cm 2cm	
What is the next number in this sequence? 83, 80, 77, 74, 71, ___	
What is the time in digital? 12 11 10 9 8 7 6 5 4 3 2	
Write down a multiple of 4 between 29 and 37	
A ladder is 5 _____ tall. Which word is missing? mm cm m km	
How many FIVES makes 6 TENS?	
What number comes halfway between 7 and 8?	
How many wheels on 8 cars?	
Half of 52	
The date is the 15th August. What was the date 2 weeks ago?	

20 - 13	
How many sides does an octagon have?	
6 x 4	
Write down a multiple of 7 between 20 and 30.	
6 + 800	
Make 7 ten times bigger.	
What is the perimeter of this shape? 4 mm 5 mm	
What is ½ as a decimal?	
What is the difference between 32 and 18?	
How many minutes in ¼ of an hour?	
I am a 3d shape. I have 6 faces and all my faces are square. Who am I?	
18 ÷ 6	
Round 864 to the nearest 10.	
In a school, a quarter of a class are boys. What fraction are girls?	
5 + 7 = ___ x 3	

4 x 7	
How many cm in a quarter of a metre?	
Find the area of this rectangle.	

7cm

2cm
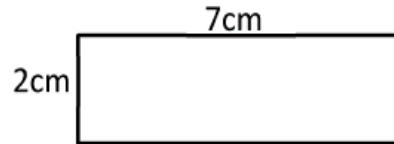
What is ¼ of 20?	
I buy 2 packs of M&Ms for £2.10. How much did one pack cost?	
What is the time in digital?	

(clock showing hands pointing to 8 and 4)
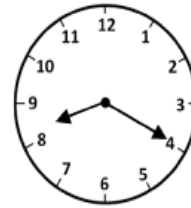
What is the missing number in this sequence? 37, ___, 45, 49, 53, 57	
Write down three thousand two hundred and thirty seven.	
Adam is 3 years older than Ben. Ben is 5 years younger than Cate. If Cate is 12, how old is Adam?	
Round 6258 to the nearest 1000.	
0.8 + ___ = 1	
5 x 4 = ___ + 8	

$30 \div 6$	
$3000 + 500 + 8$	
What is this 3d shape called?	
How many faces does the shape above have?	
$\frac{2}{5} + \underline{\quad} = 1$	
7×6	
What is the difference between double 12 and half of 40?	
Round 3728 to the nearest 1000	
The date is 3rd August. What was the date a week ago?	
I am a square with sides length 3 cm. What is my perimeter?	
I think of a number. I double it and add one. The answer is 17. What was my number?	
$16 + \underline{\quad} = 5 \times 5$	
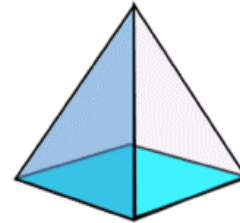
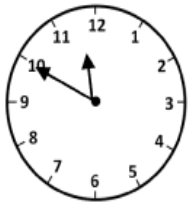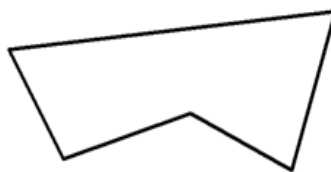|	
Write down the number four thousand and sixteen.	
154 + 30	
How many tens in 180?	
Round 828 to the nearest 100.	
Half of 72	
60 subtract 17	
What is the perimeter of this rectangle? 2 cm (rectangle 12 cm wide) 12 cm	
4000 + 300 + 5 =	
24 ÷ 8	
What digital time is shown on the clock. 	
What is the remainder when 22 is divide by 5?	
A train journey takes 1 hour 40 minutes. If I set off at 9:30am what time would I arrive?	
How many meters is 3 ½ kilometres?	
$\frac{3}{8}$ + ___ = 1	
I am a square with sides length 4cm. What is my area?	

$42 \div 6$	
$10 \times 4 = 33 +$ ___	
What is the name of this shape?	
$20 + 300 + 7 + 1000$	
8×6	
Round 5638 to the nearest 100.	
What is $\frac{3}{7} + \frac{2}{7}$	
$0.3 +$ ___ $= 1.2$	
four thousand subtract four	
Joe is 6 years older than Molly. Molly is half the age of Luke. If Luke is 26 years old, how old is Joe?	
Measure this line in cm. _____	
An egg weighs about…… 7g 70g 700g 7000g?	

Please note: The answer key will be available after the students solve the paper with the teacher in the class.