

Teachers' Copy

Mental Questions

1. Multiply 1.4 by 100.
2. A bus starts its journey at 11:15. Its journey lasts 25 minutes. What time does it arrive at its destination?
3. Name the polygon that has 7 sides.
4. What sort of triangle has two equal sides?
5. I turn 180° . How many right angles is that?
6. A jug holds 2.5 litres of water. 1500ml are poured from the jug. How much water is left in the jug?
7. Write 3250g in kg and g.
8. How many mm are there in 25cm?
9. Which is bigger 13.12 or 13.2?
10. Stephanie spends 56c on an orange juice and 55c on a toffee. How much does she spend in all?

Name: _____

Reg. No. _____

**CONVENT OF THE SACRED HEART SCHOOL FOUNDATION
JUNIOR SCHOOL
Sample Paper**

YEAR 5

MATHEMATICS

TIME: 1 h 15 min

Name: _____

Reg. No: _____

Class: _____

SECTION 2

Instructions

- Read and work out every question carefully before writing your answer.
- If you cannot do one of the questions, go on to the next one. You can come back to it later.
- Use any space on the paper if you need to work out the answer.
- **Write your name and register number at the top of each sheet of paper.**

Place Value

Ex. A. Write the Value of the 3 in each number

(2 marks)

a) 300, 768	
b) 3, 125	
c) 30, 616	
d) 130, 987	

Ex. B. Write the correct sign between each pair of numbers

(4 marks)

1. 798 123  497 223

2. 600 329  600 349

3. 889 111  998 232

4. 598 345  598 354

Written Calculations

(4 marks)

Ex. C. Work Out

1. 1 5 . 3 5
 - 9 . 5 4

2. 4 . 7
 x 5

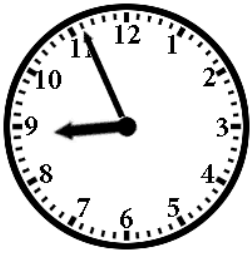
3. 4 5 . 8 7 +
 1 2 . 7 6
 4 3 . 8 8

4. 6 . 8
 x 7

Time

Ex. D. Write the matching time in digital.

(4 marks)



a.



b.



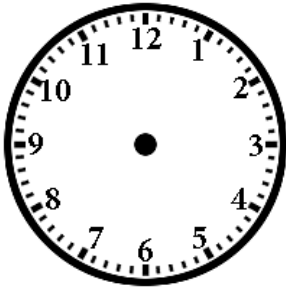
c.



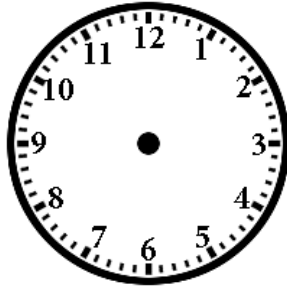
d.

Ex. E. Draw the hands to show the time

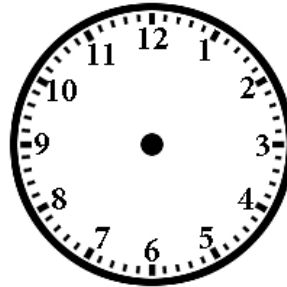
(4 marks)



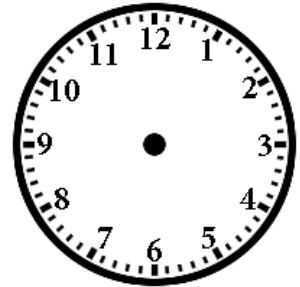
a. 12:34



b. 3:08



c. 6:56



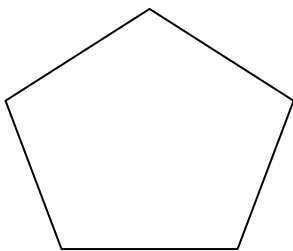
d. 5:12

Polygons

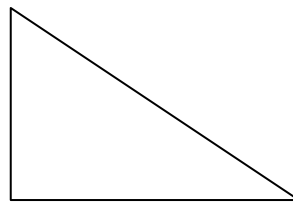
Ex. F. Write the name of each polygon

(4 marks)

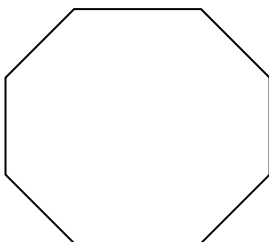
1.



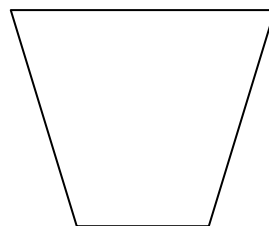
2.



3.




4.

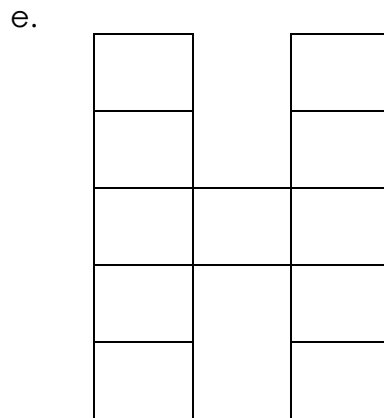
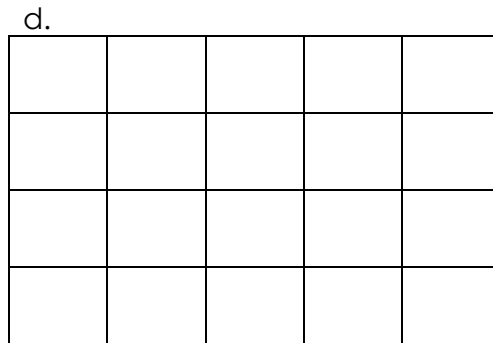
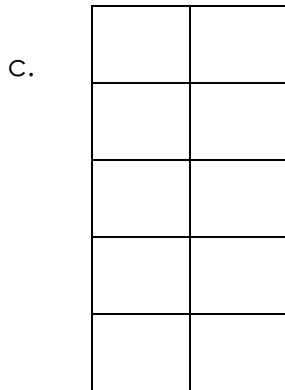
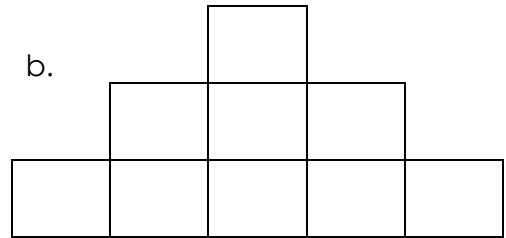
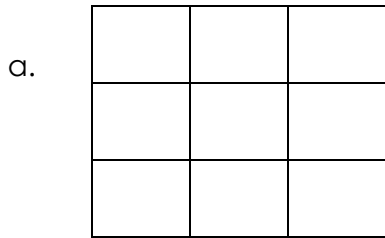


Area & Perimeter

Ex. G. Write the area and perimeter of each shape in the box below

(10 marks)

Key:
 = 1cm



	a	b	c	d	e
Area					
Perimeter					



Underground Time Table	
East Acton	5 : 10
White City	5 : 25
Shepherd's Bush	5 : 40
Holland Park	5 : 57
Notting Hill Gate	6 : 17
Lancaster Gate	6 : 38
Bond Street	6 : 55
Oxford Circus	7 : 24
Tottenham Court Road	8 : 00
Holborn	8 : 05

Ex. H. How long does the train take from East Acton to these places?

(5 marks)

1. Shepherd's Bush _____
2. Lancaster Gate _____
3. Bond Street _____
4. Tottenham Court Road _____
5. Holborn _____

Ex. I. How long does it take for these journeys?

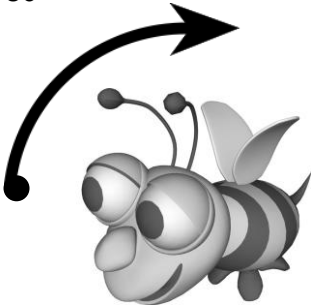
(5marks)

1. White City to Holland Park _____
2. Bond Street to Oxford Circus _____
3. Oxford Circus to Holborn _____
4. Lancaster Gate to Holborn _____
5. White City to Holland Park _____

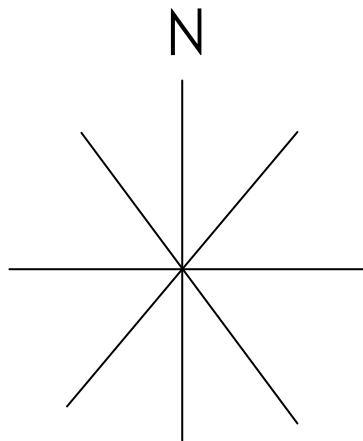
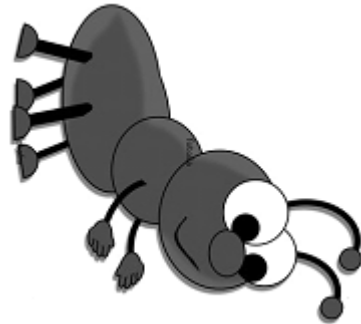
Angles

Ex. J. Look at the compass and write the direction of each animal before and after each turn in the box below (4 marks)

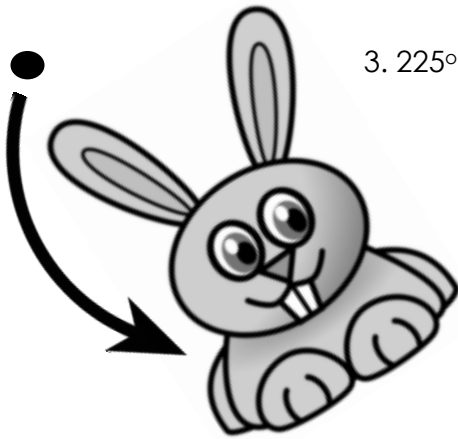
1. 180°



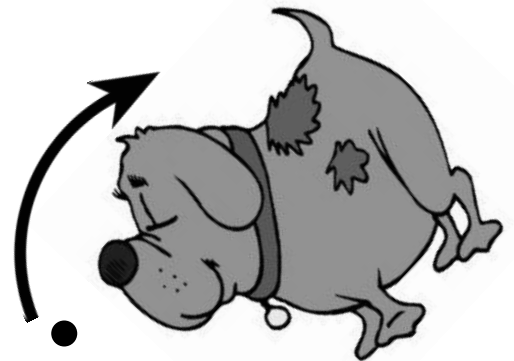
2. 135°



3. 225°



4. 270°



	Before	After
1.		
2.		
3.		
4.		

Decimals

Eight children took part in a race.

Ex. K. Write the times in order, from fastest to slowest. The first one has been done for you.

(8 marks)



Name	Time (seconds)	Position
James	31 . 29	
Joan	31 . 39	
Pat	12 . 40	1
Federica	45 . 47	
Carl	14 . 55	
Jonathan	27 . 10	
Christine	27 . 13	
Maria	35 . 20	
Alexander	35 . 21	

Measurements

Ex. L. Change the following

(10 marks)

1.	2cm =	_____	mm
2.	1000m =	_____	cm
3.	200m =	_____	mm
4.	12km =	_____	m
5.	1.5l =	_____	ml
6.	1300ml =	_____	litres ml
7.	135 seconds =	_____	minutes sec
8.	2 minutes 14 seconds =	_____	seconds
9.	95 minutes =	_____	hr minutes
10.	3 hours 4 minutes =	_____	minutes

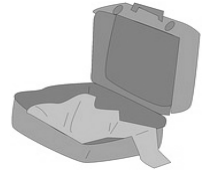
Problems

Ex. M. Solve the following problems.

Write your workings in the space below each problem. You can use mental or written methods.

Remember to write your answers at the end of the working.

1. Michelle is packing to go on a holiday. Her empty suitcase weighs 3500g. She packs her clothes which weigh 2300 g and her mp4 which weighs 700 g.



a. How much does the suitcase weigh when it was packed?

(2 marks)

b. The baggage allowance is 7 kg. How much more can Michelle pack?

(2 marks)

c. Can she take her towel which weighs 700g?

(1 mark)

2. Lucy left home at 10 am. She spent 10 minutes walking to Stacey's house and then stayed with Stacey for 45 minutes. Lucy then spent another 10 minutes walking home. At what time did Lucy arrive home?

(2 marks)



Name: _____

Reg. No. _____

3. Five children drink 400ml of milk each from a 3litre bottle.

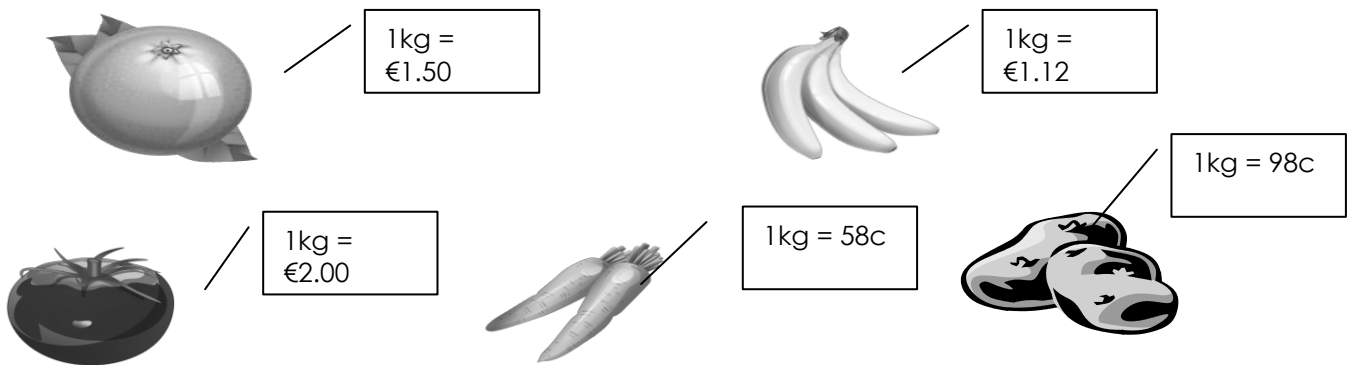
(4 marks)

a. How much do they drink altogether?



b. How much milk is left in the bottle?

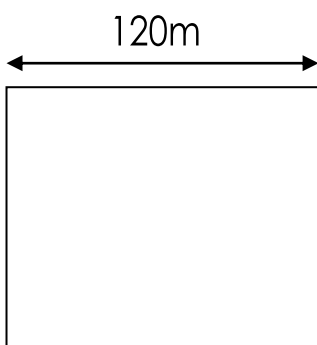
4. Marica goes shopping. She has €20 to spend. She buys 3kg tomatoes, 1kg carrots, 4kg potatoes, 2 kg banana and 2 kg oranges.



How much money does she have left?

(3 marks)

5. Farmer Jones has a square field. Each side measures 120m. He wants to put a fence all around it.

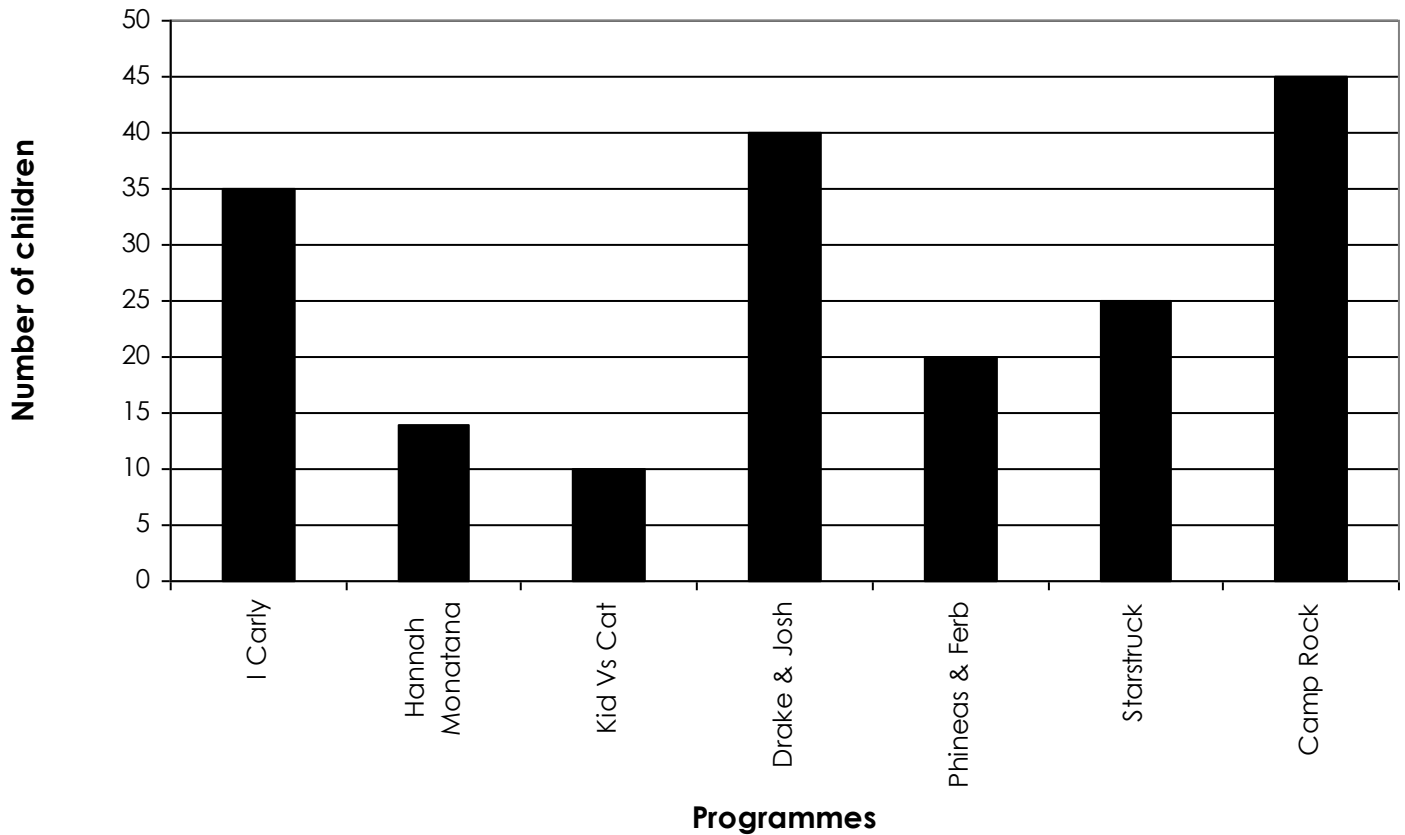


How much fencing does he need?

(2 marks)

Bar Graphs

Childrens' Favourite T.V. programmes



Ex. N. Which programmes had these votes?

(3 marks)

- 1. 20 _____
- 2. 25 _____
- 3. 40 _____

Ex. O. How many children voted for:

(5 marks)

- 1. I Carly? _____
- 2. Kid Vs Cat? _____
- 3. Starstruck? _____
- 4. Hannah Montana or I Carly? _____
- 5. Phineas & Ferb or Drake & Josh? _____

How many more children voted for

(2 marks)

- 1. Camp Rock than Starstruck? _____
- 2. Hannah Montana than Kid Vs Cat? _____