

# PRIMARY SCHOOL ANNUAL EXAMINATIONS 2006

Educational Assessment Unit – Education Division

YEAR 4

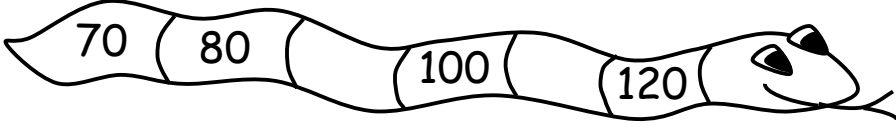
MATHEMATICS

TIME: 1 h 15 min

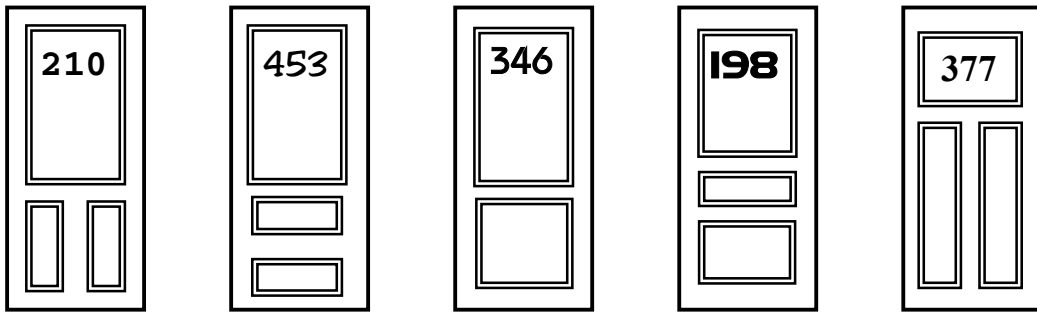
Name: \_\_\_\_\_

Class: \_\_\_\_\_

1. Fill in correctly:

a	$11 + 9 = \square$
b	$30 - \square = 25$
c	$20 \times 4 = \square$
d	$30 \div \square = 10$
e	$16 + \square = 8 + 12$
f	$230 \text{ cm} = \text{ \_\_\_\_\_\_ m \_\_\_\_\_\_ cm}$
g	Half of 600 = $\square$
h	Double 130 = $\square$
i	In 5762 the figure 7 has a value of $\square$
j	
k	235, 230, \_\_\_\_\_\_, 220, \_\_\_\_\_\_, 210
l	Fill in with <b>2 different</b> coin values: $\text{Lm}1 + 50\text{c} + 10\text{c} + 5\text{c} + \text{ \_\_\_\_\_\_ c} + \text{ \_\_\_\_\_\_ c} = \text{Lm}2$

2. Look at the numbers on these doors:



Fill in correctly:

- The **smallest** number is \_\_\_\_\_.
- The **largest** number is \_\_\_\_\_.
- One **odd** number is \_\_\_\_\_.
- One **even** number is \_\_\_\_\_.

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3. Look at these angles:



Fill in with  $>$ ,  $=$  or  $<$ .

- Angle *a* \_\_\_\_\_ one right angle.
- Angle *b* \_\_\_\_\_ one right angle.
- Angle *c* \_\_\_\_\_ one right angle.
- Angle *d* \_\_\_\_\_ one right angle.

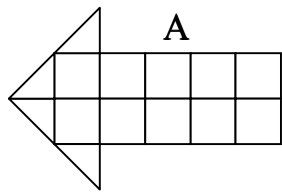
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4. Fill in correctly using these numbers.

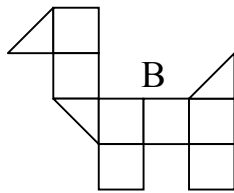


- The number having **5** in the **units** position: \_\_\_\_\_.
- The number having **7** in the **tens** position: \_\_\_\_\_.
- The number having **9** in the **hundreds** position: \_\_\_\_\_.
- The number having **6** in the **thousands** position: \_\_\_\_\_.

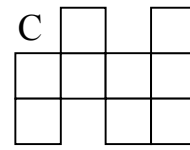
5. a) Put a tick (✓) under the shapes which have **one or more** lines of symmetry.



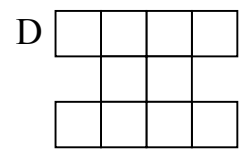
A \_\_\_\_\_



B \_\_\_\_\_



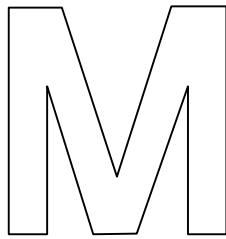
C \_\_\_\_\_



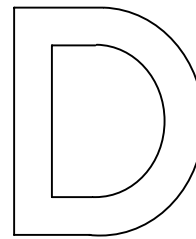
D \_\_\_\_\_

- b) Draw the line of symmetry for each shape.

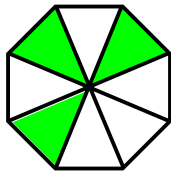
i)



ii)



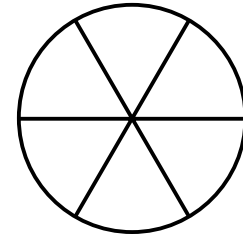
6. a) Fill in correctly.



The **shaded** fraction is

$$\frac{3}{\square}$$

- b) **Shade**  $\frac{1}{2}$  of the circle



- c) Look at this paper strip. Part of it is shaded.



- i) The **shaded** fraction is

$$\frac{\square}{10} = \frac{\square}{5}$$

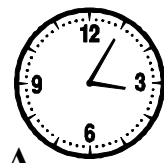
- ii) The **unshaded** fraction is

$$\frac{\square}{5}$$

7. These five clocks show different times in the morning.

Put the times **in order** starting with the **earliest**.

The first time is done for you.



A



B



C



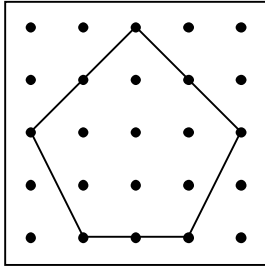
D ✓



E

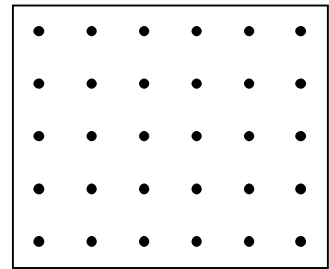
	Clock/Watch
First time	<b>D</b>
Second time	
Third time	
Fourth time	
Fifth time	

8. In the drawing below John joined the dots to form a pentagon.

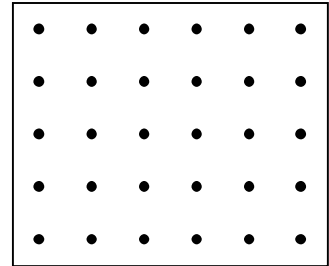


Join the dots to form the shapes of a:

- a) **triangle**



- b) **square**



9. Every day the teacher gives each child in the class a cup of milk. Each cup holds 200 ml of milk.

- a) How many 200 ml **cups** can the teacher fill from a **1 litre** milk carton?



200 ml



1 litre



1 litre



1 litre

\_\_\_\_\_ cups

- b) **Every day** the teacher gives a total of **3 litres** of milk. How many cups of milk does the teacher fill **every day**?

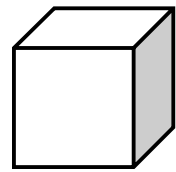
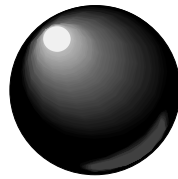
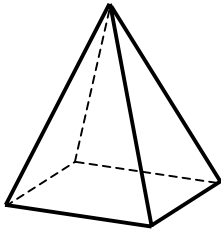
\_\_\_\_\_ cups

- c) How many **cups** of milk in all does the teacher fill in a 5-day **week**?

\_\_\_\_\_ cups

10. Fill in the correct name under each solid:

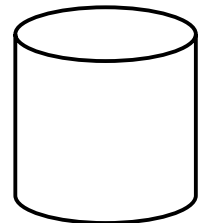
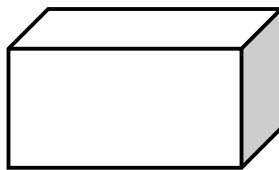
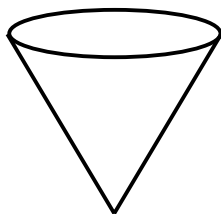
cube   cylinder   cuboid   sphere   cone   pyramid



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

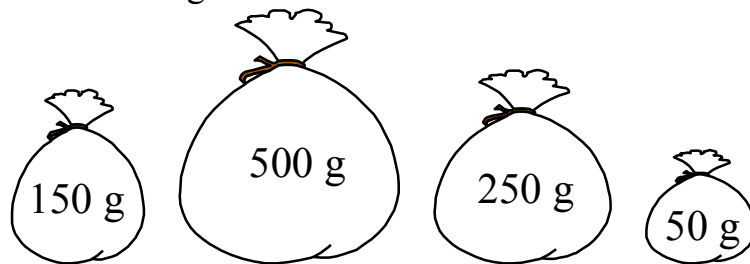


\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

11. Mark has these sand bags.



a) To make **700 g** he needs \_\_\_\_\_ g + \_\_\_\_\_ g + \_\_\_\_\_ g.

b) Mark takes **all** the sand in the bags and puts it in **bags of 50 g each**.  
How many **bags** does Mark fill?

\_\_\_\_\_ **bags**

c) Mark wants to make a total weight of **1 kg** of sand.

He needs to add \_\_\_\_\_ **grams more**.

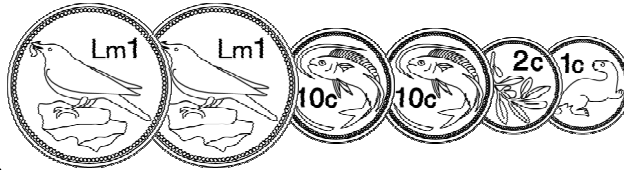
12. Find the cost of:

a) the watch



The watch costs Lm \_\_\_\_\_

b) the pen



The pen costs Lm \_\_\_\_\_

c) Sarah pays for the **watch** with a **Lm10** note.  
Find the **change** she receives.

Lm \_\_\_\_\_

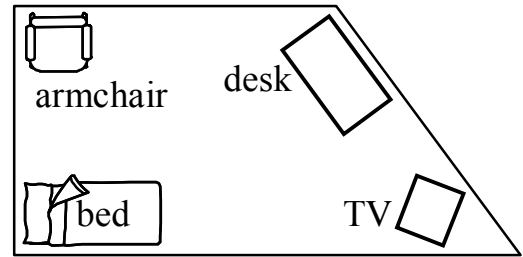
13. a) Match each object with its proper unit of length.  
(The first one is done for you.)

classroom	metres
boat	kilometres
road	metres
pencil	millimetres
rainfall	centimetres

b) Maria walked 2 kilometres.  
David walked 300 m **less** than Maria.

David walked \_\_\_\_\_ km \_\_\_\_\_ m.

14. This is the plan of Nadia's Room.



a) Put a tick (✓) in the correct column to show if the statement is **TRUE** or **FALSE**.

	TRUE	FALSE
The <b>TV</b> is in a right-angled corner.		✓
The armchair is in a right-angled corner.		
The desk is <b>not</b> in a right-angled corner.		
The bed is in a corner less than one right angle.		
The shape of Nadia's room is a rectangle.		

b) In the table put a tick (✓) under each pentagon.


15. The picture shows some places in Peter's town  
Fill in correctly using **compass directions**.

a) The **police station** is \_\_\_\_\_ of the **church**.

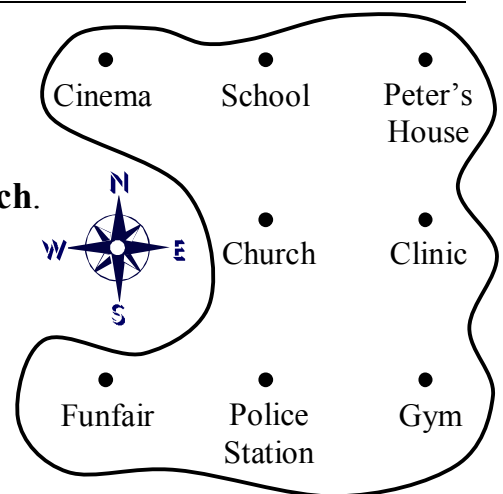
b) The **school** is \_\_\_\_\_ of the **cinema**.

c) The **cinema** is \_\_\_\_\_ of the **funfair**.

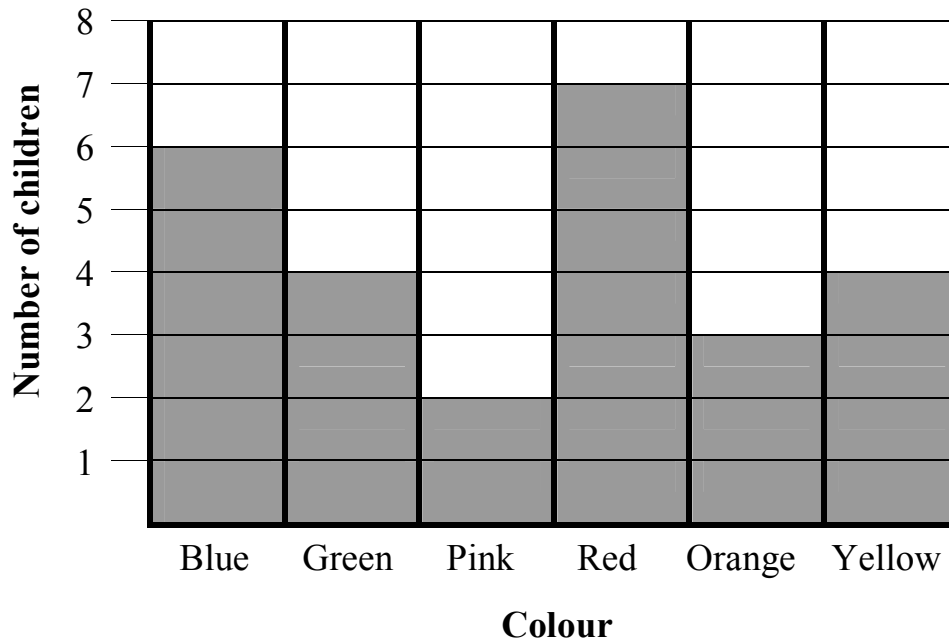
d) The **clinic** is \_\_\_\_\_ of **Peter's house**.

e) From the **gym** Peter first walks \_\_\_\_\_ to the **police station**

and then walks \_\_\_\_\_ to go to the **school**.



16. The graph shows the favourite colours of a group of children.



Use the graph to fill in correctly:

- a) The number of children who prefer **Red** is \_\_\_\_\_ .
- b) The **least** favourite colour is \_\_\_\_\_ .

The children are divided into **group A** and **group B**.  
 Those who prefer blue, green or pink are in **group A**.  
 The rest are in **group B**.

- c) In **group A** there are \_\_\_\_\_ children.
- d) In **group B** there are \_\_\_\_\_ **more** children than in **group A**.

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**END OF PAPER**

**Marks' distribution:** number 1 (2 marks  $\times$  12) = 24 marks  
 numbers 2 – 8 (4 marks  $\times$  7) = 28 marks  
 numbers 9 – 16 (6 marks  $\times$  8) = 48 marks  
 Total = 100 marks