PRIMARY SCHOOL ANNUAL EXAMINATIONS 2006

Educational Assessment Unit – Education Division

YEAR 5 **MATHEMATICS** **TIME: 1 h 15 min**
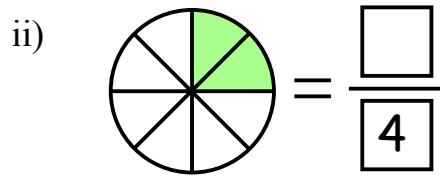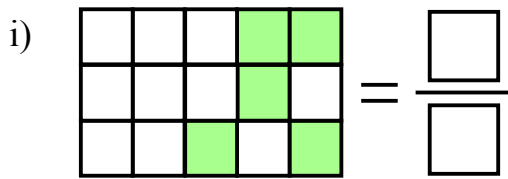

Name: _____ **Class:** _____
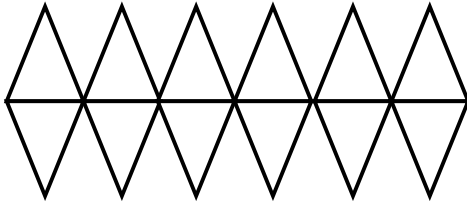
1. Fill in correctly:

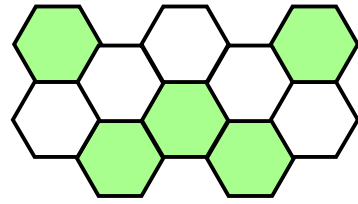|	
a	15 | 25 | | 45 | | 65
b	76 | 74 | 72 | | 68
c	55 + 90 = ☐
d	73 – 50 = ☐
e	66 × 10 = ☐
f	☐ ÷ 4 = 36
g	Double 250 = ☐
h	Half of 420 = ☐
i	The value of the figure 8 in 7<u>8</u>40 is ☐
j	In 7 pentagons (⬠) there are ☐ sides.
k	$\frac{1}{4}$ kg = ☐ g
l	Put a tick (✓) in the box with the correct answer. $\frac{3}{4}$ of Lm1 is:

2. a) Write down the fraction shaded.

i) $= \dfrac{\square}{\square}$

ii) $= \dfrac{\square}{\boxed{4}}$

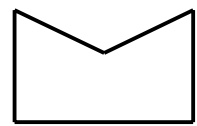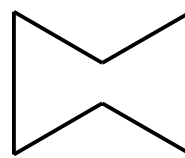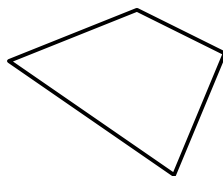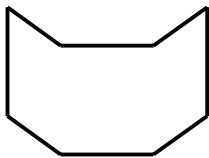b) i) **Shade** $\frac{2}{3}$ of the shape:

ii) Shade **more hexagons** to make $\frac{4}{5}$:

3. Fill in the **correct name** under each shape.
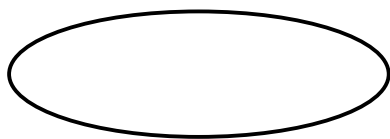
quadrilateral, octagon, pentagon, hexagon

_____ _____ _____ _____
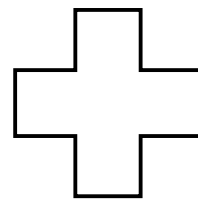
4. a) Write down the number of **lines of symmetry** each shape has.

i)

ii)

_____ lines of symmetry.   _____ lines of symmetry.
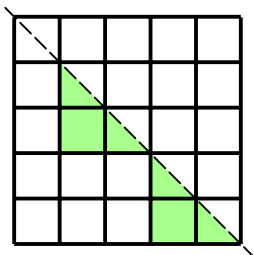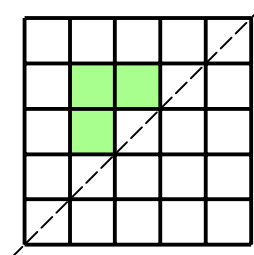
b) The broken line is the line of symmetry.
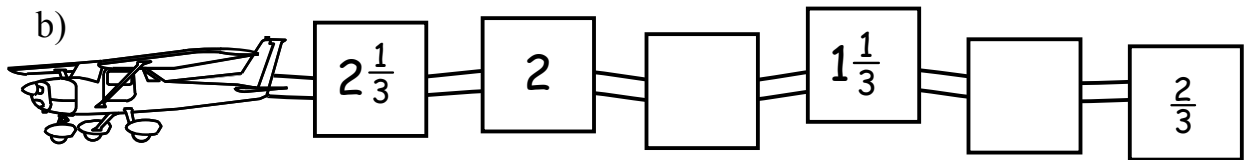**Shade** to make each drawing symmetrical.

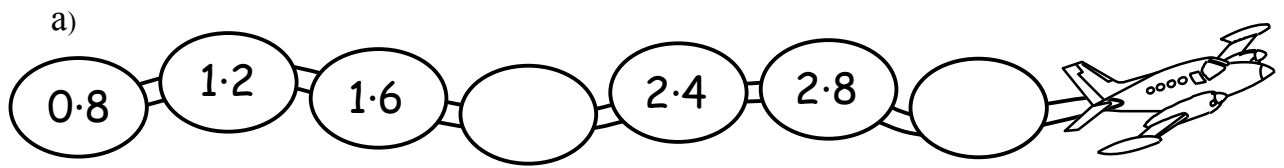i)

ii)

5. **Write the missing numbers** in the sequences.

a)
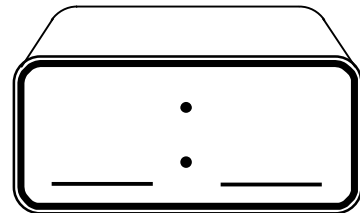

0·8 1·2 1·6 ___ 2·4 2·8 ___

b)

$2\frac{1}{3}$ 2 ___ $1\frac{1}{3}$ ___ $\frac{2}{3}$

6. a) Dad left home for work at **7:10 am**. **Draw the hands** of the clock to show this time.
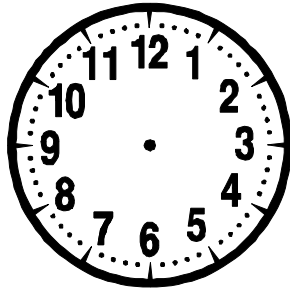
b) Dad woke up **30 minutes before** he left home. Write the time dad **woke up**.

7. a) The picture shows the number line between 0 and 2.

Flag A   Flag B

0   1   2
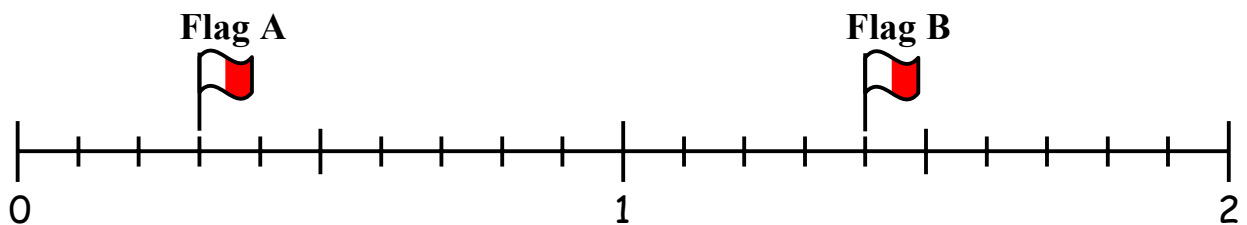
i) **Flag A** is at the _____ mark.

ii) **Flag B** is at the _____ mark.

b)

3·6   3·7

On the **number line** above:

i) draw an **arrow C** at the **3·64 mark**.

ii) draw an **arrow D** at the **3·68 mark**.

8. Each square on the grids is of **side 1 cm**.

Shape A

Shape B

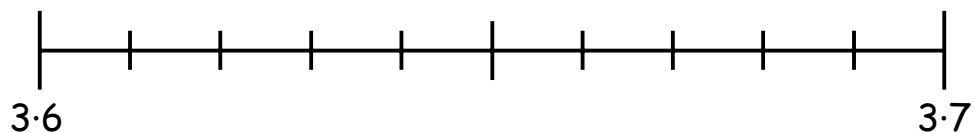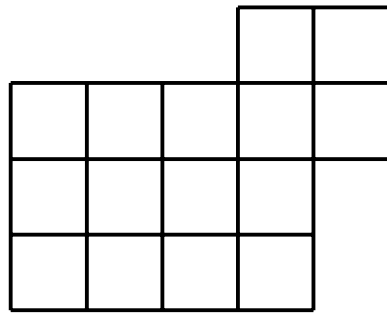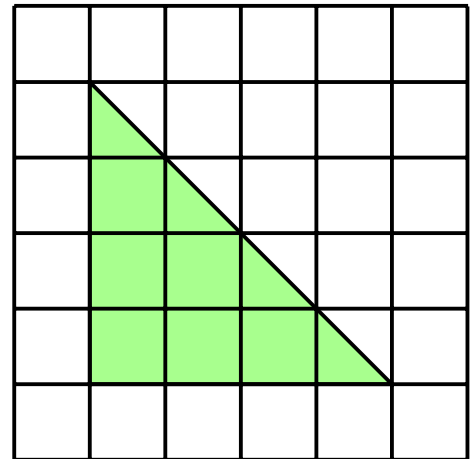a) The **area** of shape A is _____ **cm²**.

b) The **area** of the **shaded triangle** in shape B is _____ **cm²**.

9. Each square on the grid is of **side 1 m**.

a)
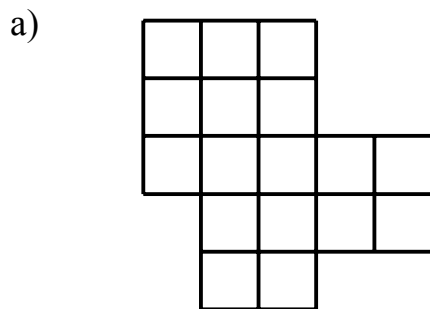
Work out the **perimeter** in **m**.

_____ **m**

b)

7 m

10 m
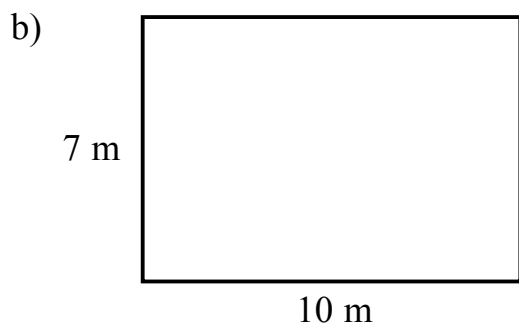
The diagram shows Dominic's garden.
The garden is 10 m long and 7 m wide.

i) Work out the **perimeter** of the garden.

_____ **m**

ii) Dominic wants to put a **fence all around** the garden.
The fence costs Lm1.90 per metre.
Work out the **amount** Dominic has to pay for all the fence.

Lm _____

10. a) Put in order of size **starting with the smallest**:

_____   _____   __A__   _____   _____

b) Write **Clockwise** or **Anticlockwise.**
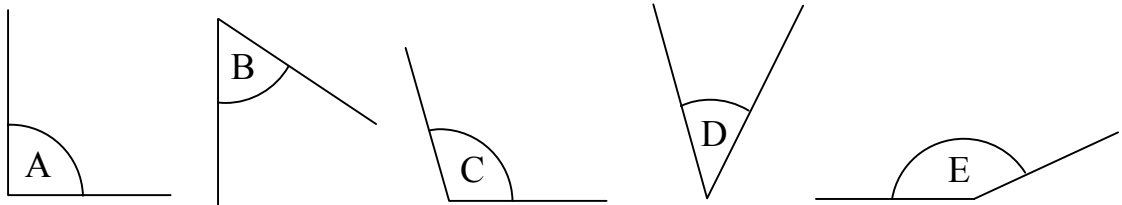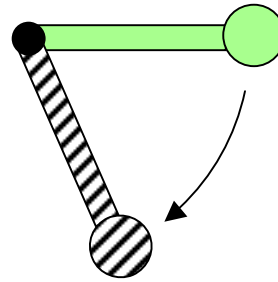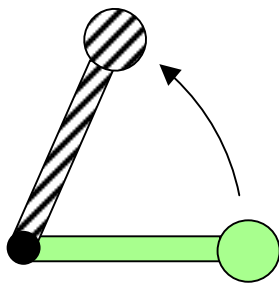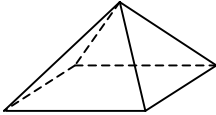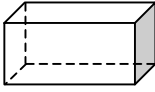

_____   _____
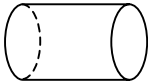
11. Look at the calendar for April 2006.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

a) There were _____ **full weeks** in April.

b) Easter holidays started on the **second Wednesday** in April.

   The date was _____

c) School started again on Thursday 20th April.

   In all there were _____ days for Easter **holidays**.

d) Write the number of holidays as a **fraction** of the whole month: $\dfrac{\boxed{}}{\boxed{}}$

12. Fill in correctly.

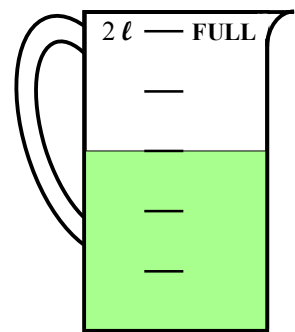| Shape	Faces	Edges	Vertices
		8	
			8
	3		

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13. When **full** the jug can hold **2 litres** of water.
It is $\frac{3}{5}$ full of water.

a) How many millilitres of water are there in the jug?

_____ m*l*

b) **This amount** of water in the jug is poured equally into 6 glasses.
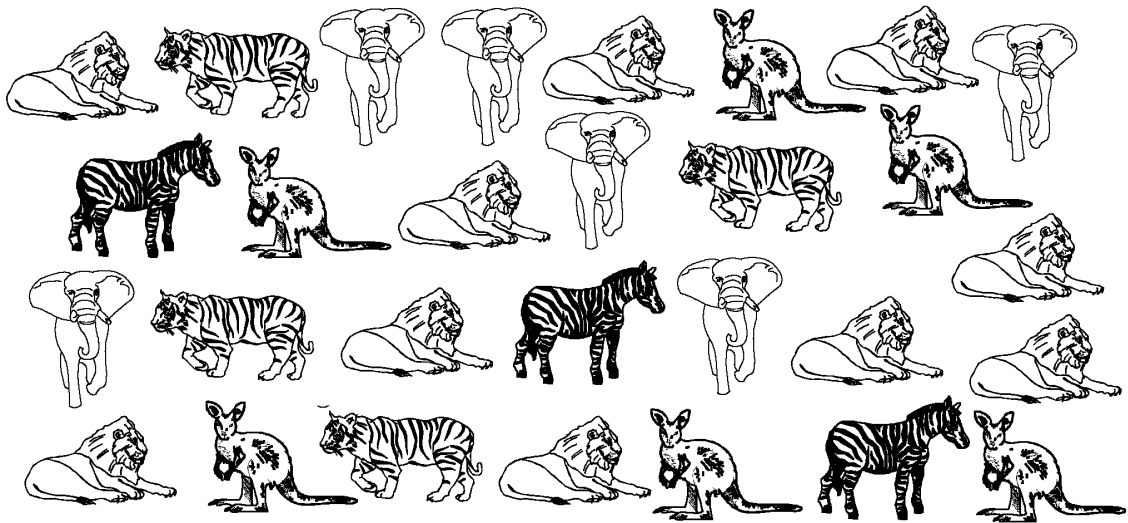Find in m*l* the amount of water in each glass.

Each glass holds _____ m*l* of water.

c) **How many** such glasses can I fill when the **2*l* jug** is full?

I can fill _____ **glasses.**

14. Look at these animals.

a) Count each animal and fill in the table correctly.

Animal		Number
Lions		
Elephants		6
Tigers		
Zebras		
Kangaroos		

b) In **all** there are _____ animals.

c) There is an **equal number** of:

_____ and _____.

___
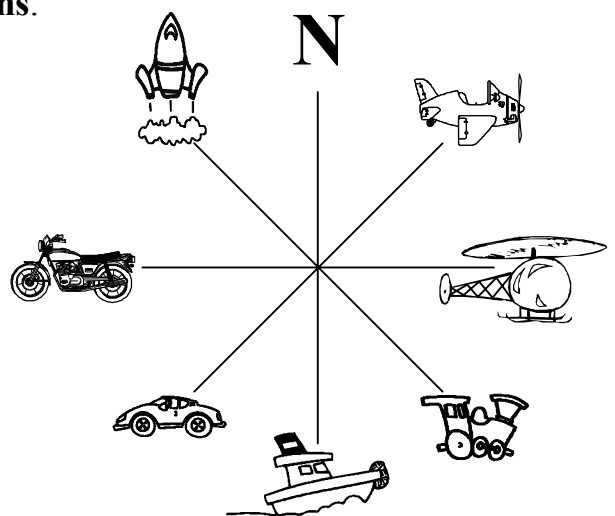
15. a) Fill in correctly with **compass directions**.
From the centre, the direction of:

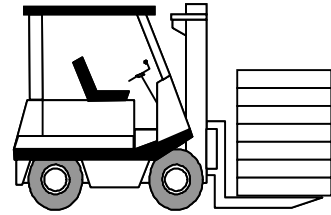i) the **ship** is _____.

ii) the **helicopter** is _____.

iii) the **rocket** is _____.

b) Fill in correctly:

i) The _____ is **SW**.

ii) The _____ is **NW**.

iii) The **motorcycle** is **WEST** of the _____.

16. Bob drives the fork-lifter in the picture.

    a) On the fork-lifter Bob loads **7** boxes, each of **equal weight**.
       The total weight of these 7 boxes is **392 kg**.
       Work out the **weight** of one box.

    _____ **kg**

    b) The fork-lifter can only take a **total** weight of **550 kg**.
       Work out how many **more kilograms** the fork-lifter can take.

    _____ **kg**

    c) Work out **how many more boxes** the fork-lifter can take.

    _____ **boxes.**

END OF PAPER

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