YEAR 4	**MATHEMATICS**	TIME: 1 HOUR

Name: _____   Class: _____

1)
$$374$$
$$+415$$
$$\overline{}$$

2)
$$694$$
$$+258$$
$$\overline{}$$

3)
$$875$$
$$-363$$
$$\overline{}$$

4)
$$\text{Lm } 5\cdot35$$
$$-\text{Lm } 3\cdot79$$
$$\overline{}$$

5)
$$108$$
$$\times \quad 9$$
$$\overline{}$$

6)
$$6\,)\,\overline{385}$$

7. Complete:

a)   50c   =   25c + 5c + 10c + _____c

b)   77c   =   50c + 2c + _____c

c)   Lm1·85   =   Lm1 + 25c + 10c + _____c

8)   Write these numbers in order. Put the **smallest first.**

12·5   **1·25**   **2·15**

[ ]   [ ]   [ ]

9) Use the figures **7**, **4** and **8** to write

a)   a number in which **8** has the value of   8   ___ ___ ___

b)   a number in which **8** has the value of   80   ___ ___ ___

c)   a number in which **8** has the value of 800   ___ ___ ___

d)   any other number   ___ ___ ___
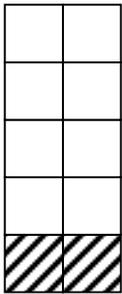
10)

a) Shade $\dfrac{1}{3}$ of this shape.
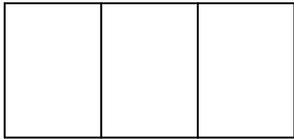
b) Complete:
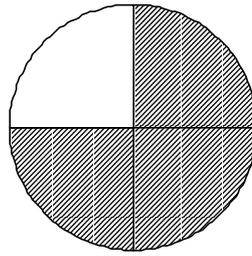
$\dfrac{\square}{4}$ of the circle is shaded.
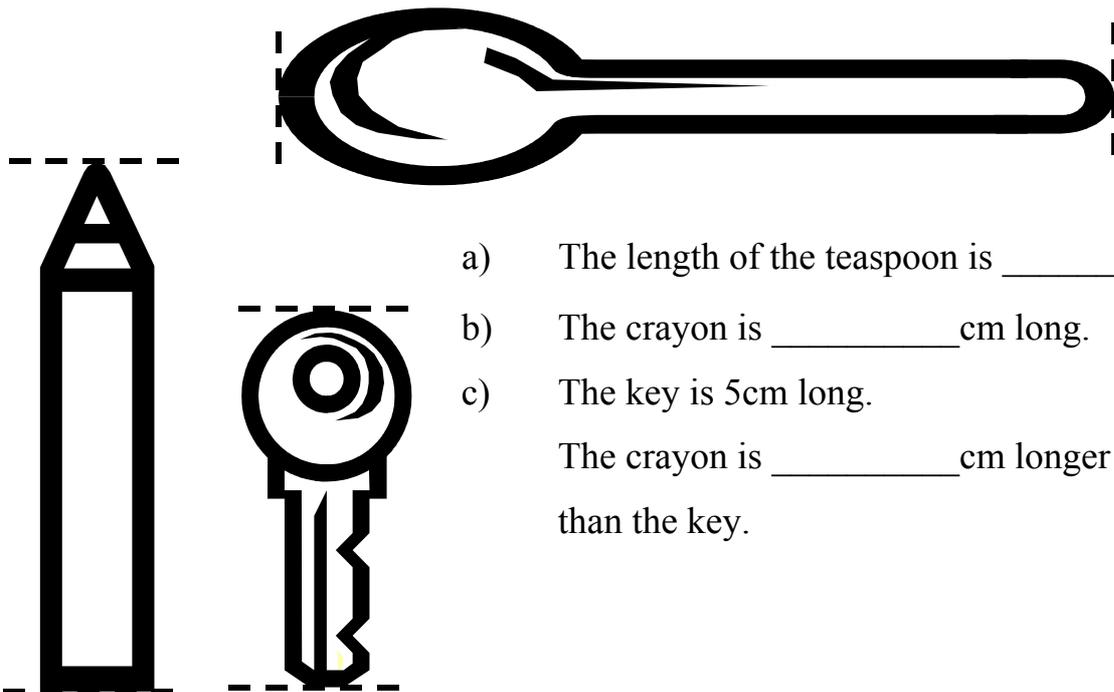
c)   Complete:

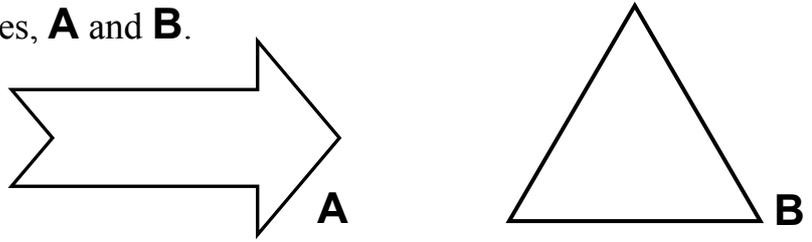i) $\dfrac{1}{5} = \dfrac{\square}{10}$

ii) $\dfrac{1}{5} = 0 \cdot \underline{\hspace{1cm}}$

11)

a)   The length of the teaspoon is _____cm.

b)   The crayon is _____cm long.

c)   The key is 5cm long.

The crayon is _____cm longer

than the key.
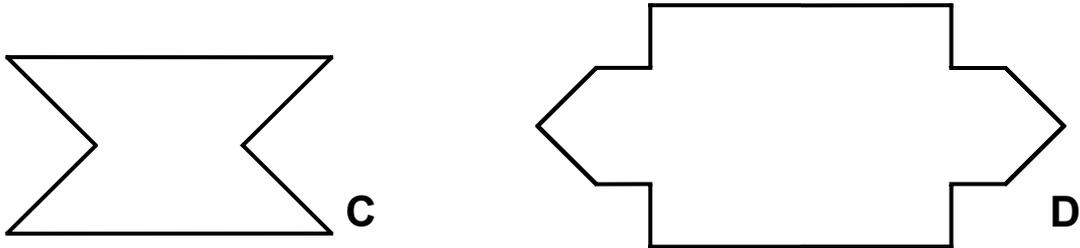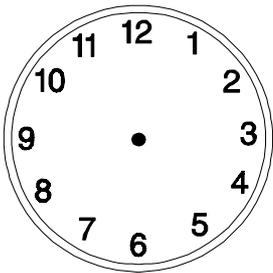
12)   a) Look at these two shapes, **A** and **B**.

A

B

Underline the correct answer:

i)   Shape (**A**, **B**) has **1 line** of symmetry.

ii)   Shape **B** has (**1, 2, 3, 4**) lines of symmetry.

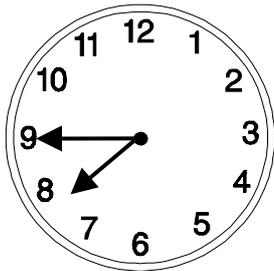b)   Look at shapes **C** and **D**. Draw their lines of symmetry.
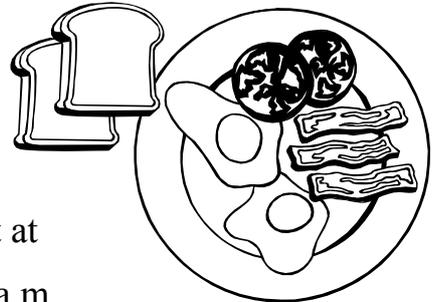
C

D

13)

a)   David wakes up at 7:30 a.m.
        Show this time on the clock face.

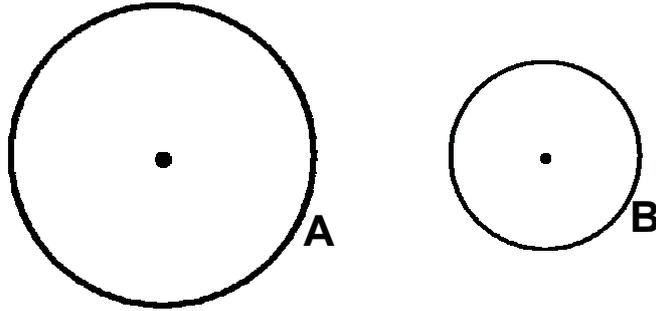b)   David has breakfast at

        _____ a.m.

c)   The school bus picks David 20 minutes **after breakfast**.

        The bus picks David at _____ a.m.

d)   The bus trip takes 10 minutes. He is at school at _____ a.m.

14)   Look at these two circles, **A** and **B**.

a)   The **circumference** of circle **A** is (bigger than, smaller than, equal to)

the circumference of circle **B**.

b)   Draw the **radius** of circle **A**.

c)   Draw the **diameter** of circle **B**.

d)   Look at these two circles, **C** and **D**. Complete:

The **diameter** of a circle is **2 times** as long as its _____.
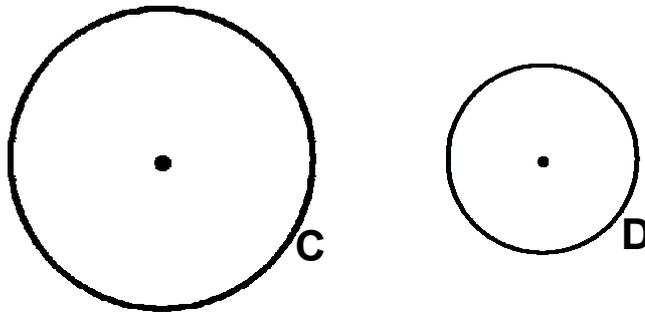
e)   (i) Draw a line from the centre of circle **C** to the centre of circle **D**.

(ii) This line is _____cm long.

15) This is a plan of the town where Sandra and David live.
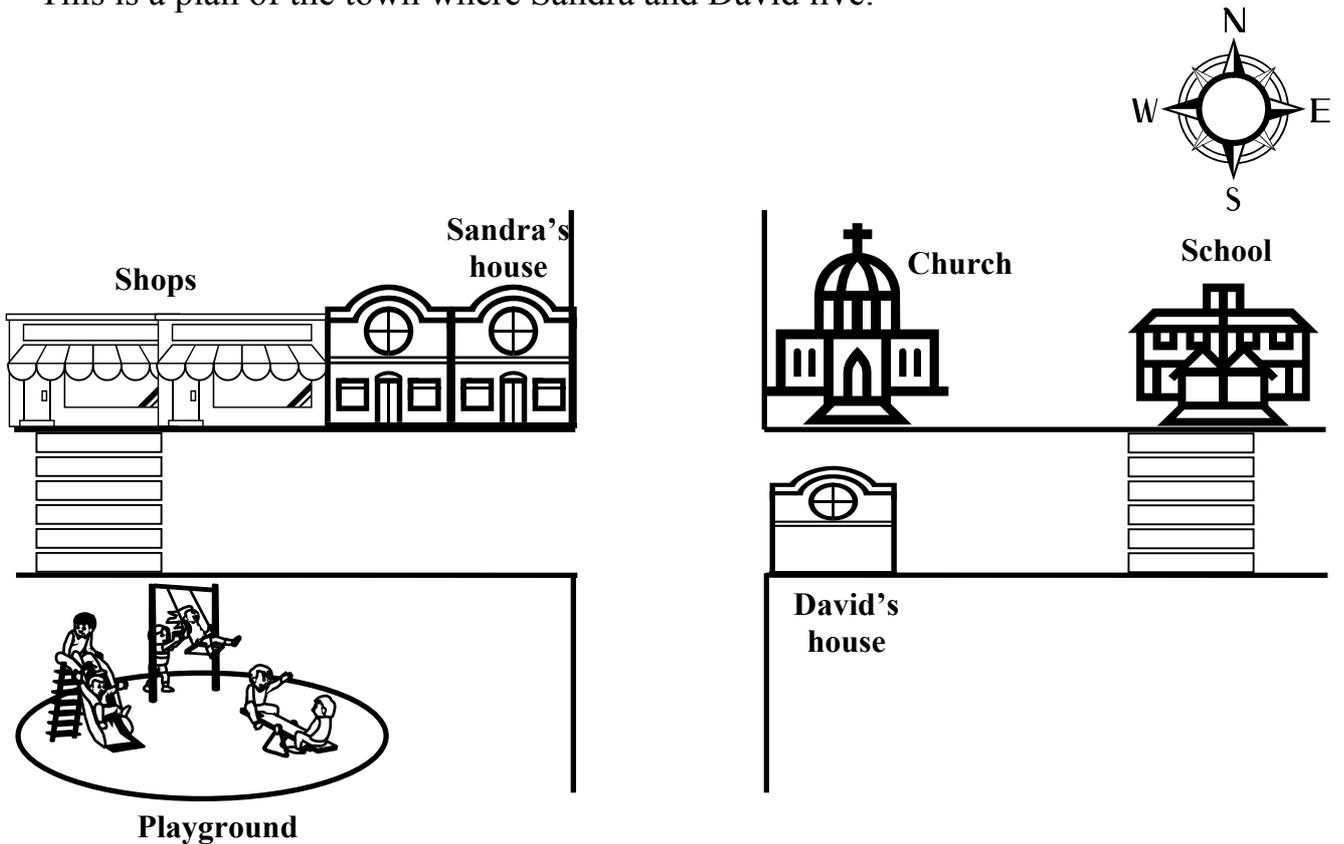
Complete using **North, South, East or West**.

a) David goes from **his house** to **the church**.

He walks _____.

b) Sandra walks from **her house** to **school**.

She walks _____.

c) After school David walks back home.

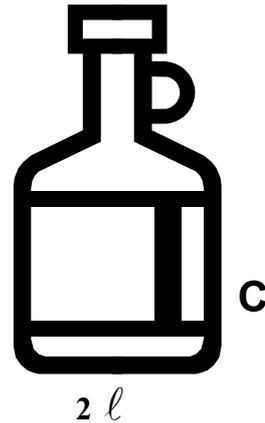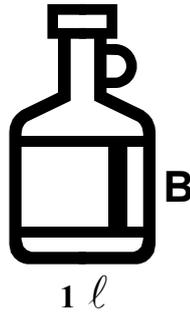(i) He walks _____ on the zebra crossing.

(ii) Then he turns and walks _____.

d) Sandra leaves home and goes to the playground.

(i) She walks _____ to the shops.

(ii) Then she walks _____ on the zebra crossing to the

playground.

16) Here are three different bottles, **A, B** and **C**.

500 *ml*   **1** *l*   **2** *l*

Underline the correct answer.

a) Bottle **A** holds **500** *ml* of water.

500 *ml* = ($\frac{1}{2}$ litre, 1 litre, 2 litres) of water.

b) Bottle **B** holds (the same as, half as much as, one quarter of) bottle **C**.

c) Bottle **C** is full of water.

From bottle **C**, I can fill bottle **A** (1, 2, 3, 4) times.

d) I fill bottle **A once** from bottle **C**.

_____ *l* _____ *ml* are left in bottle **C**.

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17) Look at this shape. Each small square has an area of 1 cm^2.
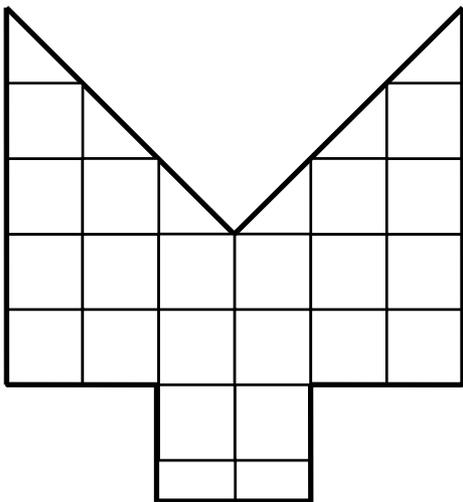
a) The **area** of the shape is

_____cm^2.

b) Draw the **line of**

symmetry of the shape.

c) Shade **one half** of the

shape.

d) The area of **one half** of the

shape is _____cm^2.

18) Solid shapes may have **edges**, **vertices**, **flat** or **curved faces**.

The picture shows David's money box.

a) (i) It has the shape of a (**cone**, **cube**, **cuboid**, **sphere**).

(ii) It has   6 faces,

12 edges,

_____ vertices.

b) David has a solid **cone**.

A cone has 1 flat face,

1 _____ face,

1 _____ .

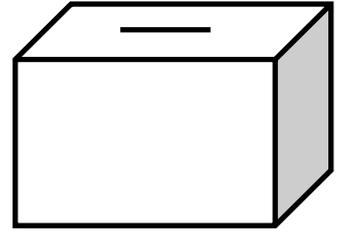c) (i) David's football has the shape of a _____ .

(ii) It has no vertices, no flat faces and no _____ .

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19) This is a price list at Mike's snack shop.

Mike's Goodies

Price List

Sandwich	**35c**
Pizza	**40c**
Soft Drink	**30c**
Ice Cream	**50c**
Snack Packet	**20c**
Fruit Juice	**25c**

a) Sandra spends **Lm 1** at Mike's snack shop.

She buys **3 different** things for **Lm 1** ?

Which are they?

_____

_____

_____
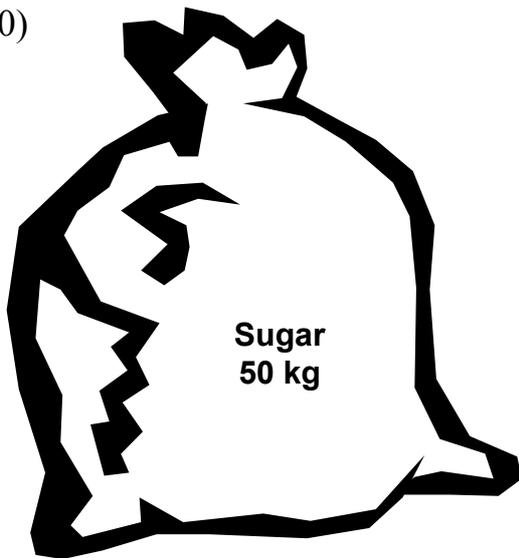
b) Sandra pays Lm1 in coins. She has **two** 10c

coins and **three** other different **coins**.

Which are they?

_____c coin   _____c coin   _____c coin

20)

**Sugar
50 kg**

1 kg   **500 g**

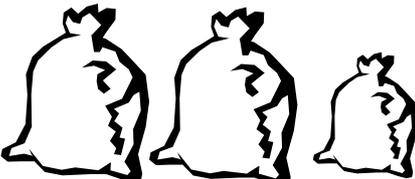64 c   35 c

Fill in:

a) The sugar in a 50 kg sack is put in 1 kg or 500 g bags.

  i) **50** bags of _____**kg** each can be filled from a 50 kg sack.

  ii)_____ bags of **500g** each can be filled from a 50 kg sack.

b) A 1 kg bag costs 64 c. A 500g bag costs 35c. I have **Lm 5·00.**

i) I buy   for   Lm _____

1 kg   **1 kg**   **500 g**

ii) I get Lm_____change.

21)   a) Look at the graph and complete the table.
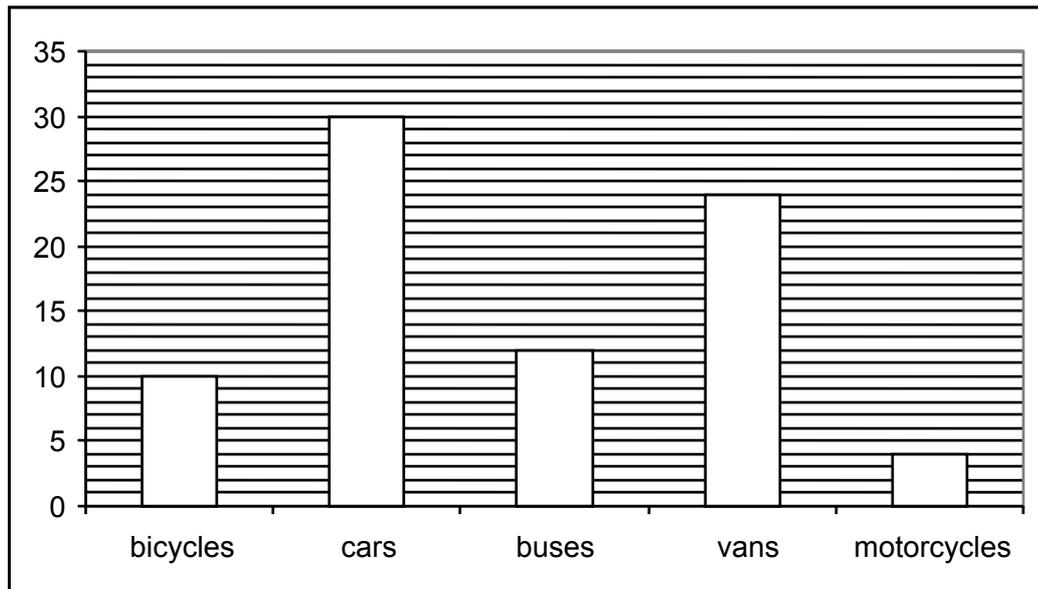
Vehicles	Bicycles	Cars	Buses		Motorcycles
Number	10		12	24	4

b)   Complete:

i)   The **total** number of **bicycles** and **motorcycles** is _____.

ii)   There are _____ cars more than buses.

22) This is the calendar for March 2003.

Sundays and public holidays are shaded on the calendar.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						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	**31**					

Sandra had piano lessons on **Mondays** and **Wednesdays only**.

There were **no lessons on public holidays**.

Complete:

a) Sandra had no lessons on Wednesday _____ th March and

   Monday _____st March.

b) Sandra had a total of _____ piano lessons in **March 2003**.

c) Sandra visits her grandparents every Sunday.

   Sandra visited her grandparents _____ times in March.

d) This year Sandra's birthday was on a Tuesday in March.

   The date is a PRIME NUMBER.

   Sandra's birthday was on Tuesday _____ th March.

END OF PAPER

Nos   1 – 8   8 x 3 marks   =   24 marks
Nos   9 – 12   4 x 4 marks   =   16 marks
Nos   13 - 22   10 x 6 marks   =   60 marks