PRIMARY SCHOOLS FINAL EXAMINATIONS 2001

Educational Assessment Unit – Education Division

Year 4 **MATHEMATICS** **TIME: 1 hour**

Name: _____ Class: _____

1. $\begin{array}{r} 841 \\ +\ 133 \\ \hline \\ \hline \end{array}$

2. $\begin{array}{r} 366 \\ -\ 142 \\ \hline \\ \hline \end{array}$

3. $\begin{array}{r} 6280 \\ -\ 4147 \\ \hline \\ \hline \end{array}$

4. $\begin{array}{r} 206 \\ \times\ 7 \\ \hline \\ \hline \end{array}$

5. $9\overline{)126}$

6. Subtract $27 \cdot 2$ from $116 \cdot 84$

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

_____

8. Underline:

a.	the **rectangular** number:	5	10	2
b.	the **prime** number:	2	4	6
c.	the **square** number:	21	36	48
d.	the **multiple** of 8:	27	36	24

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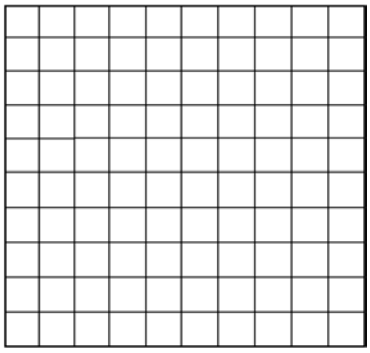
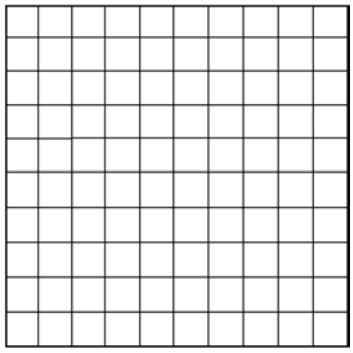
9. The squares are divided into 100 equal parts.

a. 

Shade **0 · 48**

b. 

Shade **0 · 5**

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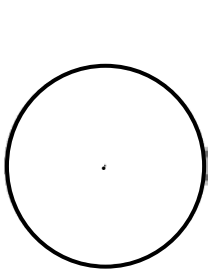
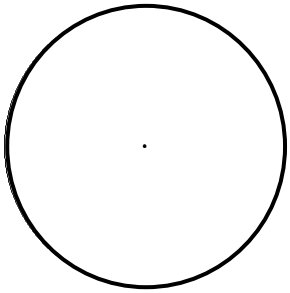
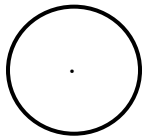
10. Look at these three circles:



Circle ***A***



Circle ***B***



Circle ***C***

Fill in:

a. Circle _____ has the **largest circumference**.

b. Circle _____ has the **shortest diameter**.

c. The (**line** , **centre** , **radius**) _____ of the circle is **half** the **diameter**.

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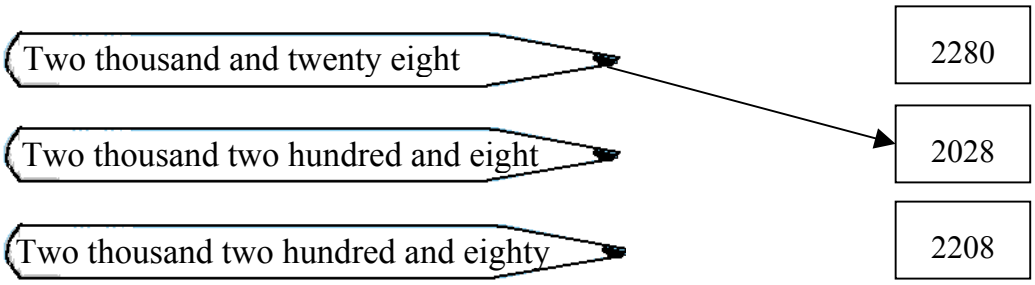
11. a. Write down the **value** of the underlined numbers:

i) **4**073 = _____ ii) 94**1** = _____

b. Match as shown in the example:



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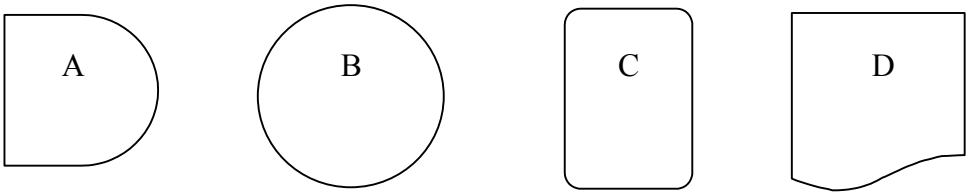
12. Which shape has:

a. 1 line of symmetry only? _____

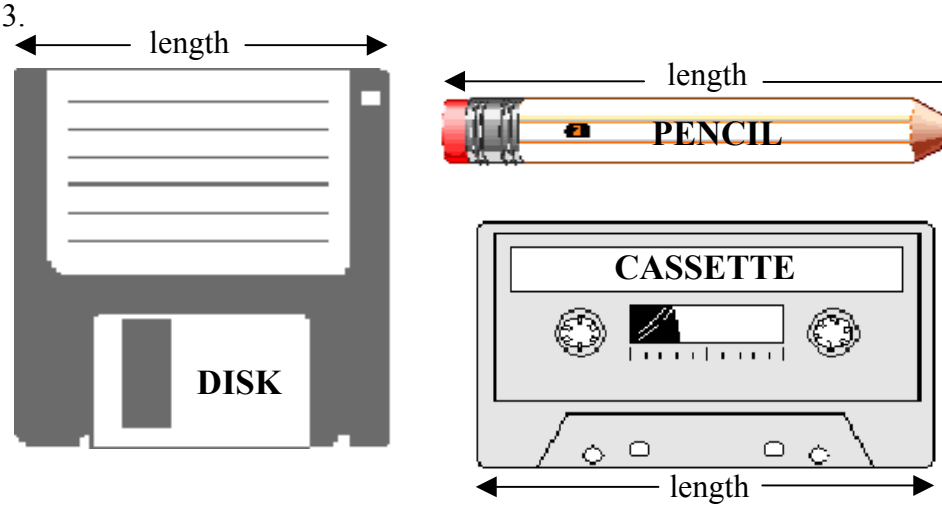
b. no lines of symmetry? _____

c. 2 lines of symmetry only? _____

d. more than 2 lines of symmetry? _____



13.

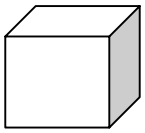


a. The (**DISK , PENCIL , CASSETTE**) _____ is 7 cm long.

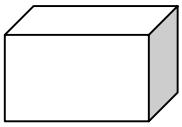
b. The **total length** of the DISK and the PENCIL is _____ cm.

c. The CASSETTE is _____ cm **shorter** than the PENCIL.

14.



1 **small box** has 10 marbles.



1 **large box** has 15 marbles.

Tom has 6 **small boxes** of marbles.

Kate has 3 **large boxes** of marbles.

How many marbles do they have **altogether**?

_____ marbles.

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15. Paul goes to a **Tool Shop**. He looks at the *Price List*:

Price List	
hammer	= 82 cents
box of screws	= 30 cents
paint brush	= 99 cents
tin of paint	= 65 cents

i) Paul buys 1 hammer, 2 paint brushes and a box of screws.
How much does he spend in **all**?

ii) Paul gives the shopkeeper Lm 4·00.

Paul gets _____ cents **change**.

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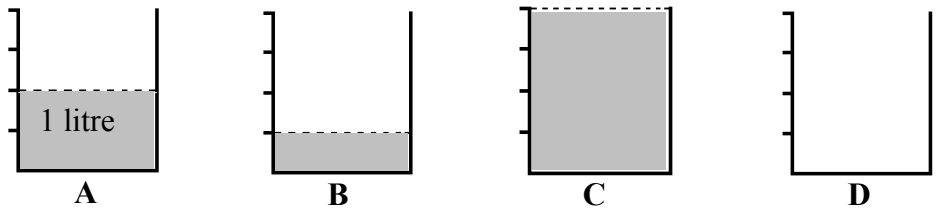
16. Look at these four jugs.



In jug **A** there is 1 litre of water.

a. In jug **B** there is (¼ , ½ , ¾ , 2) _____ ℓ of water.

b. In jug **C** there are _____ ℓ of water.

c. Jugs **A**, **B** and **C** **together** have _____ ℓ of water.

d. Lisa pours all the water in jugs **A** and **B** into jug **D**.
Shade the amount of water in jug **D**.

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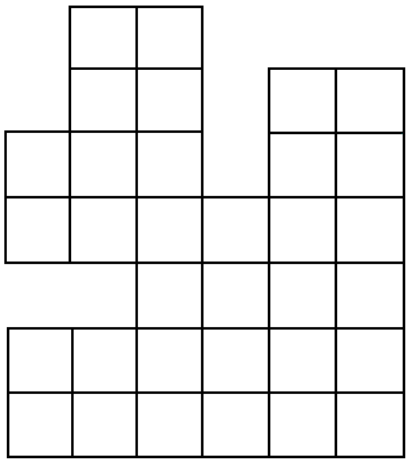
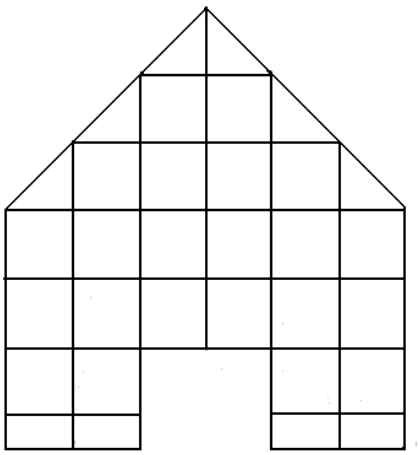
17. Look at shapes **A** and **B**. Each square is of side 1 cm.



Shape **A**



Shape **B**

a. The **perimeter** of shape A is _____ cm.

b. The **area** of shape B is _____ cm²

c. Shape A has _____ square units **more than** shape B.

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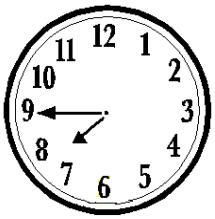
18. This is the calendar for the month of July 1999.

S	M	T	W	T	F	S
				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

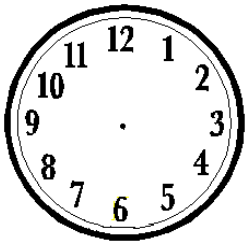
a. (i) Elaine's birthday was on _____ 11th July.

(ii) Paul's birthday was one week after Elaine's.
Draw a circle on the calendar to show Paul's birthday.

b. Paul had a birthday party.
Paul's party started at



The party was **two hours long**.
The party finished at



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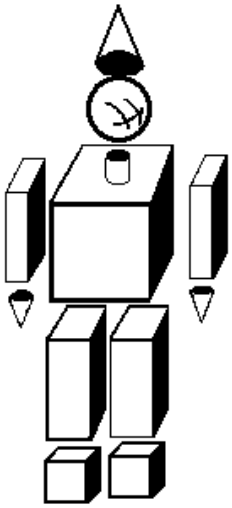
19. John made a robot with cubes, cuboids, cylinders, cones and spheres.



Look at the robot.

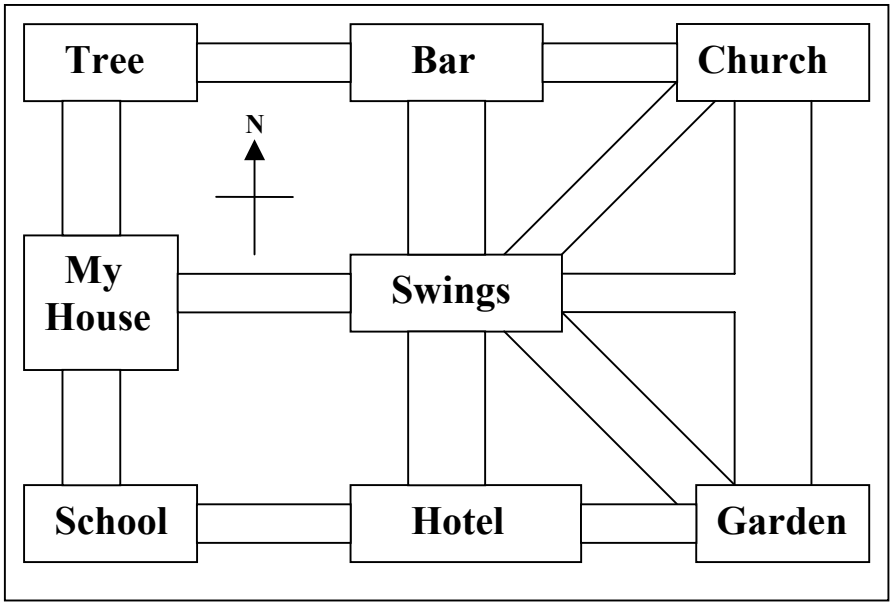
a. John used (**9** , **10** , **12**) _____ solid shapes to make the robot.

b. He uses _____ **cubes**.

c. The **cuboid** has _____ **vertices**.

d. The _____ has 2 **edges** and 0 **vertices**.

20.



a. I am at **School**. I have to go to the **Hotel**.
I have to walk (North, South, East, West).

b. From the **Hotel** I want to go to the **Swings**.
I have to walk (North, South, East, West).

c. In which direction is the **Church** from the **Swings**? _____.

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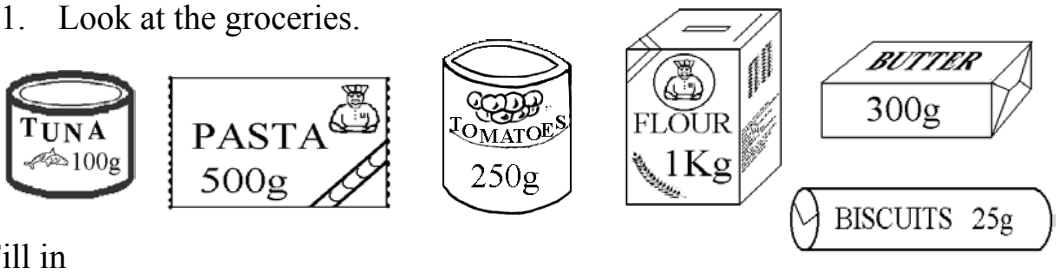
21. Look at the groceries.



Fill in

a. 4 packets of biscuits weigh the same as 1 tin of _____.

b. _____ packets of PASTA weigh the same as one packet of FLOUR.

c. The FLOUR , _____ , _____ , _____ together weigh 1 Kg 850 g.

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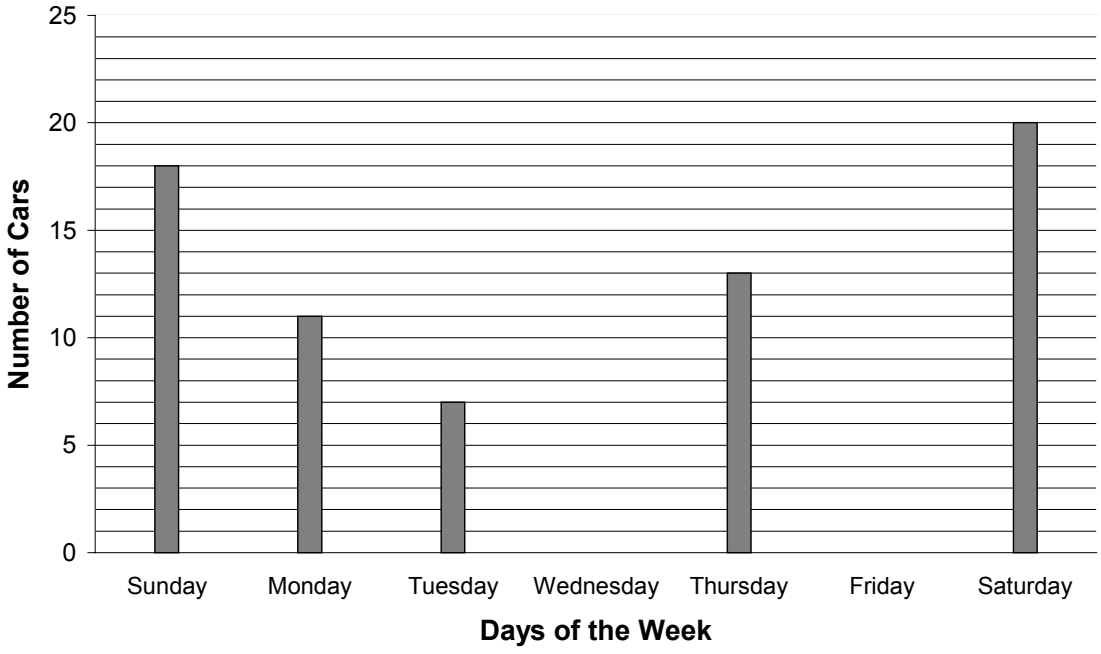
22. The table shows the number of cars which took part in a car show.

Days of the week	S	M	T	W	Th	F	S
Number of cars	18	11	7	10	13	17	20

a. Complete the graph for Wednesday and Friday.



b. On Thursday there were _____ cars **less than** on Saturday.

c. In all, _____ cars took part in the car show.

END OF PAPER

1 – 6 = 6 x 3 marks = 18 marks
7 – 13 = 7 x 4 marks = 28 marks
14 – 22 = 9 x 6 marks = 54 marks