



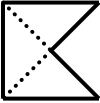
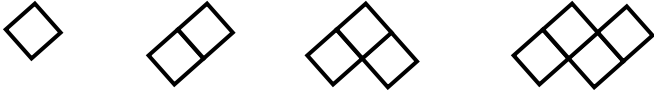
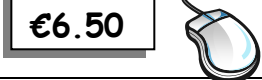
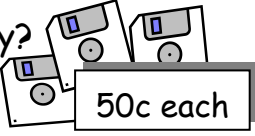
St Margaret College
Half Yearly Examinations 2011

Year 6

Mathematics

Time: 1 Hour 15 Minutes

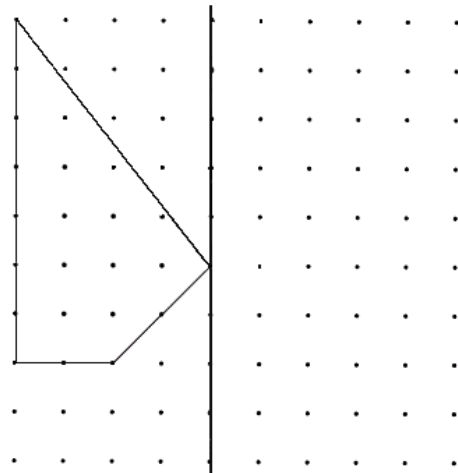
Name: _____ Class: _____

1.	Fill in the missing number to make equivalent fractions .	$\frac{12}{16} = \frac{\quad}{4}$	
2.	What fraction of the square was removed ?		<input type="text"/>
3.	Draw the next arrangement of the following pattern.		<input type="text"/>
4.	Write $\frac{1}{2}$ as a decimal .	<input type="text"/>	
5.	What change do I get from €10 if I buy?  	<input type="text"/>	
6.	How many edges does a cuboid have?	<input type="text"/>	
7.	Fill in correctly: $86 + \text{[]} = 100$	<input type="text"/>	
8.	Choose the factors of 24 : 2, 5, 6, 7, 8, 9, 10.	<input type="text"/>	

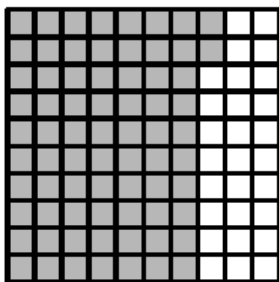
9.	Fill in: <input type="text"/> + 35 = 70.	
10.	24 sweets are divided equally among 3 children. How many sweets does each get?	<input type="text"/>
11.	Write in figures : nine thousand four hundred and six	<input type="text"/>
12.	Round the number to the nearest 1000: <u>8276</u>	<input type="text"/>

13. The line in the middle is the line of symmetry.

Draw the other half of the shape.



14. What part of the whole is shaded? Give your answer as a:

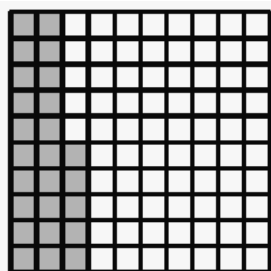


Fraction =

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

Decimal =

_____ . _____



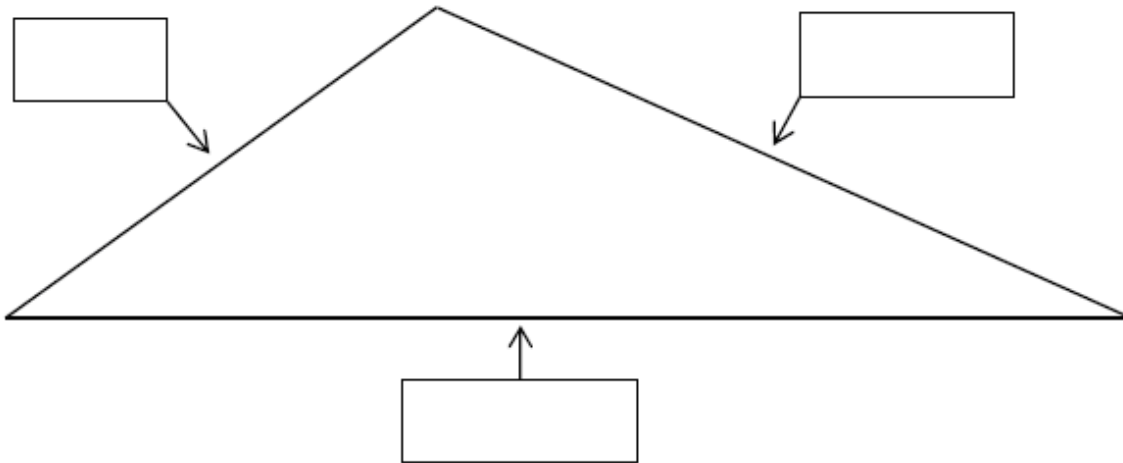
Fraction =

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

Decimal =

_____ . _____

15. a) **Measure** and write down the length of each side of the triangle.



b) Work out the **perimeter** of the triangle. _____ cm

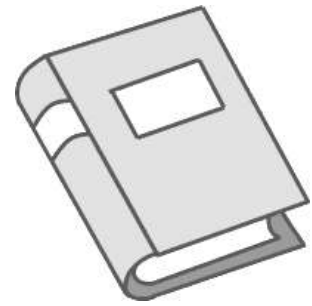
16. Complete the table by rounding each number to the nearest 10 and 100

	Nearest 10	Nearest 100
921		
6528		

17. Put the sign $>$ or $<$ or $=$

4 Kg		400 g
0.06		0.6
3.03 m		3m 30 cm
$\frac{5}{3}$		$1\frac{2}{3}$

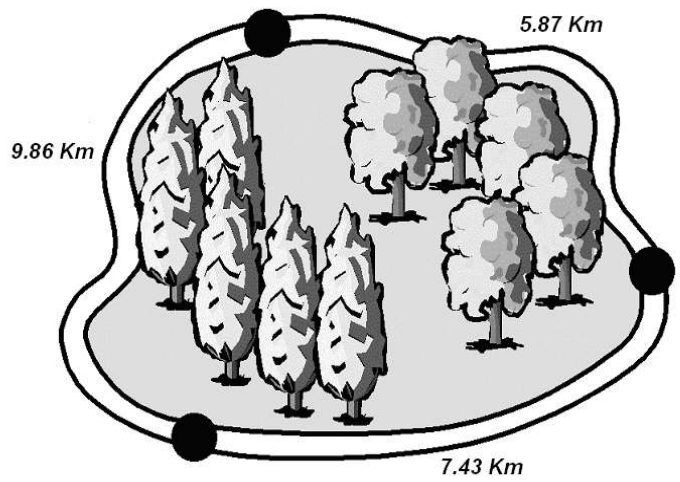
18. A reading book is 20 cm long and 15 cm wide when closed. What is the perimeter of the reading book when open?



_____ cm

19. Stephanie walked once round this field.

- a) Work out in **Kilometres**, the total distance, Stephanie walked.

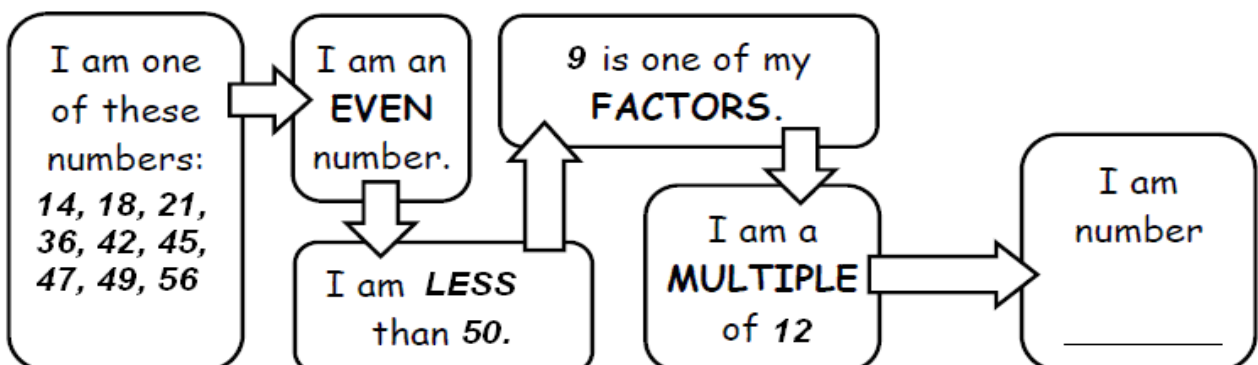


_____ Km

- b) Change the distance Stephanie walked to **metres**.

_____ m

20.



21. 9 cement bags each of the same weight, weigh 94.5 Kg altogether.

a) What is the weight of 1 cement bag?

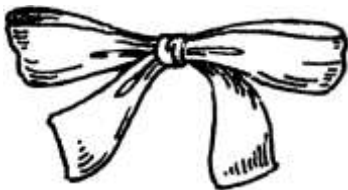
b) What is the weight of 10 cement bags?



22. Mario went to the stationery and bought a roll of ribbon to make bows. He cuts 5 cm pieces for each bow. A full roll of ribbon is 3 m 75 cm long.



a) Work out the number of bows Mario can make out of the full roll.



_____ bows

b) One roll of ribbon costs 42 cents. Work out the cost of 56 rolls.

€ _____ c

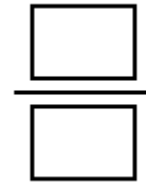
23.



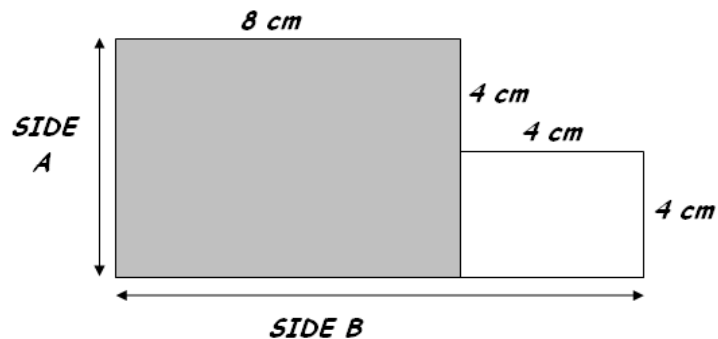
This bottle contains 150 ml of medicine. Henry takes 5 ml of medicine 3 times daily.

- a) He takes _____ ml in 6 days.
- b) After 6 days, _____ ml are left in the bottle.

c) What fraction of the whole bottle is left?

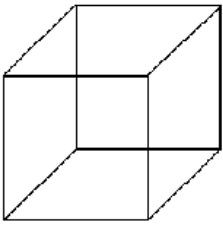


24. Use the diagram to find

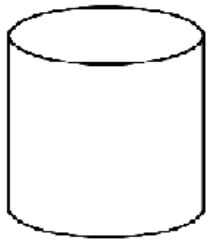


- a) The length of side A _____ cm
- b) The length of side B _____ cm
- c) The perimeter of the whole shape _____ cm
- d) Find the area of the shaded part _____ cm²

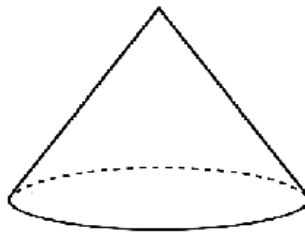
25. a) Write the name of each shape.



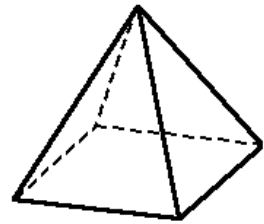
A



B



C

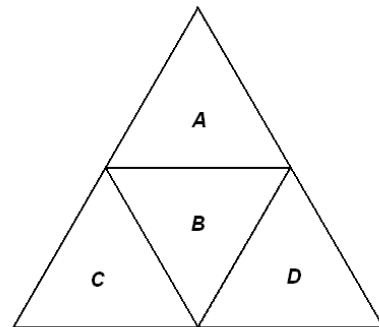


D

b) Shape D has _____ vertices.

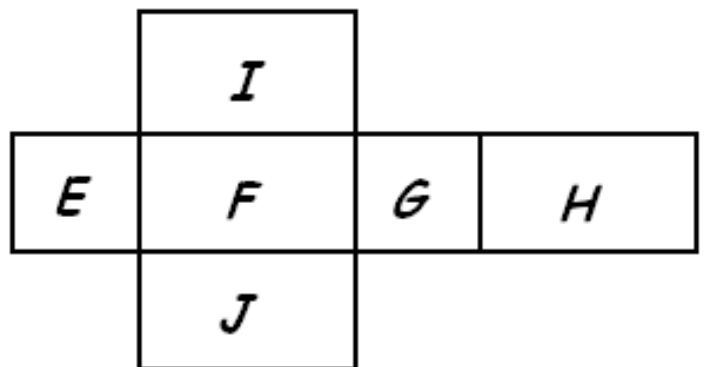
c) Which shape has 2 faces? _____

26. a) Shapes *A*, *B*, *C* and *D* are all _____ triangles.



b) Shapes *A*, *B*, *C* and *D* together make the net of a (pyramid, cuboid, cone).

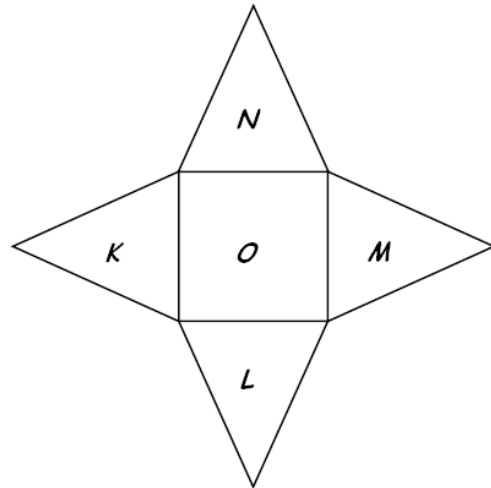
27. a) Shapes *E*, *F*, *G*, *H*, *I* and *J* together make the net of a (pyramid, cuboid, cone).



b) Shape *E* and _____ are squares.

28 a) K, L, M and N are
(equilateral, scalene, isosceles)
triangles.

b) Shapes K, L, M, N and O together
make the net of (cone, pyramid with a
square base, cuboid).



29. Use the numbers below to make the statements correct.

Each number can be used ONLY ONCE.



$$\text{cloud} + \text{cloud} + \text{cloud} = 980$$

$$\text{cloud} + 240 - \text{cloud} = 550$$

END OF PAPER