

HALF-YEARLY PRIMARY SCHOOLS EXAMINATIONS 2011

YEAR 4

MATHEMATICS

Time: 1 ¼ hr

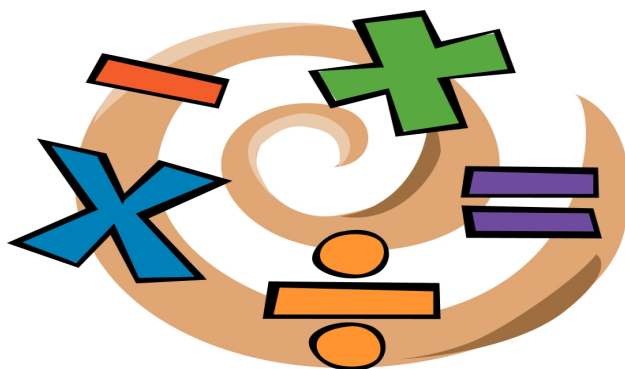
Name: _____

Class: _____

TOTAL MARKS

READ CAREFULLY:

- WORK OUT ALL THE QUESTIONS.
- SHOW ALL YOUR WORKING.
- WRITE YOUR ANSWER CLEARLY.



Marking Scheme

No. 1 a – 1	12 x 2 = 24 marks
Nos. 2 – 8	7 x 4 = 28 marks
Nos. 9 – 16	8 x 6 = 48 marks
Total	100 marks

1. Fill in correctly:

(a)	$17 + \underline{\hspace{2cm}} = 20$
(b)	$100 + \underline{\hspace{2cm}} + 7 = 157$
(c)	$43 - 7 = \underline{\hspace{2cm}}$
(d)	What is ten more than 400? $\underline{\hspace{2cm}}$
(e)	$5 \times 7 = \underline{\hspace{2cm}}$
(f)	$160 - 70 = \underline{\hspace{2cm}}$ tens
(g)	What is $\frac{1}{2}$ of 40? $\underline{\hspace{2cm}}$
(h)	How many millilitres in 1 litre ? $\underline{\hspace{2cm}}$
(i)	$7 + 7 + 7 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$
(j)	90 minutes = $\underline{\hspace{2cm}}$ hour and $\underline{\hspace{2cm}}$ minutes
(k)	1 less than 300 is $\underline{\hspace{2cm}}$
(l)	Double 48 = $\underline{\hspace{2cm}}$

(2 marks each = 24 marks)

2(a)

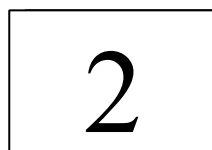
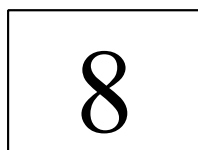
(i) Write the following number in **words**:

378 = _____

(ii) Write the following number in **digits**:

Five hundred and five = _____

2 (b) Look at these number cards.



(i) Use all the cards to make the LARGEST 3-DIGIT number.

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(ii) Use all the cards to make the SMALLEST 3-DIGIT number.

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(4 marks)

3. Complete:

a. 342, 344, 346, _____, 350.

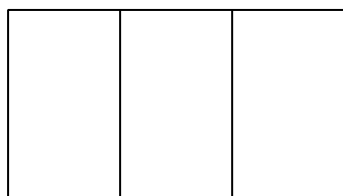
b. 107, _____, 87, 77, 67

c. 112, 212, _____, 412, 512

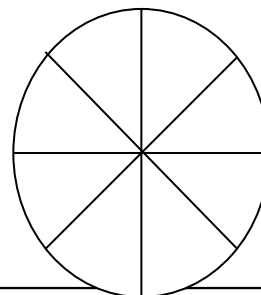
d. 75cm, 100cm, 125cm, 150cm, _____

(4 marks)

4. a. Shade $\frac{1}{3}$ of this shape



b. Shade $\frac{5}{8}$ of this shape



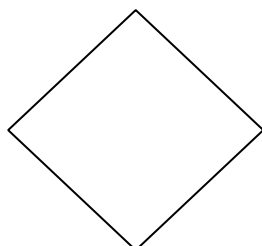
(4 marks)

5. Look carefully at these shapes. You **can** draw the lines of symmetry to help you fill in the sentences below:

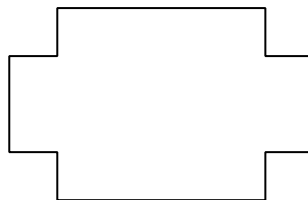
Shape A



Shape B



Shape C



Shape D



Now fill in with these numbers:

- Shape _____ and Shape _____ each have only one line of symmetry.
- Shape _____ has two lines of symmetry.
- Shape _____ has four lines of symmetry.

(4 marks)

6. Write the amounts shown by these coins:

a.		€ ____ . ____
b.		€ ____ . ____

(4 marks)

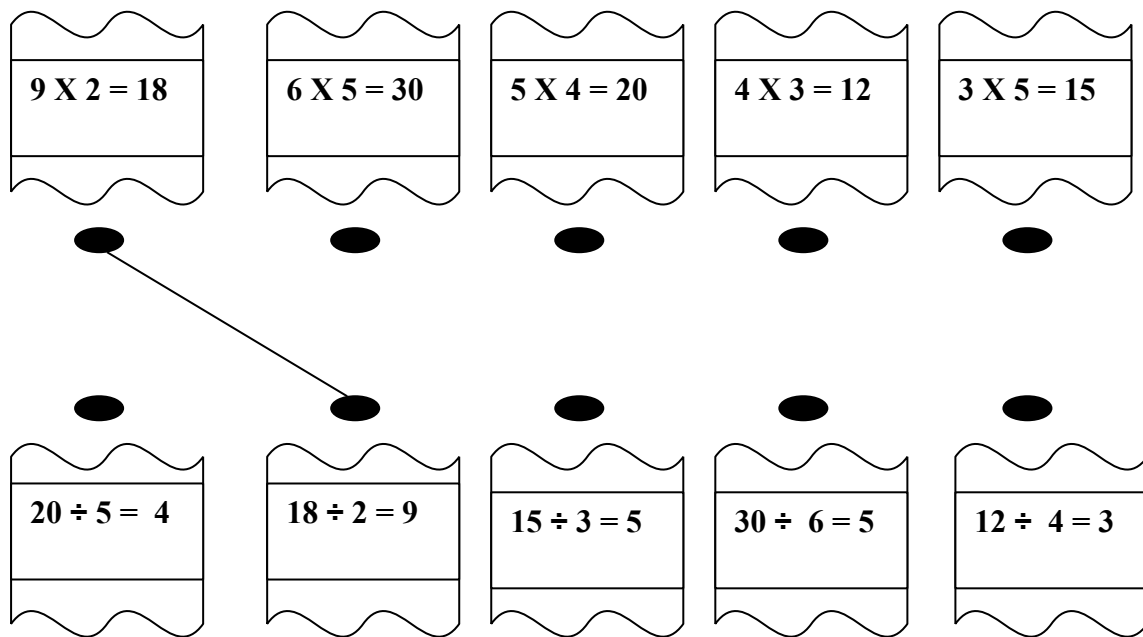
7. Tom has 36 stickers. He gives half of them to his friend Paul and gives 5 to his other friend Jack. How many football stickers does Tom have now?



Ans: _____

(4 marks)

8. Match the banners with the facts of multiplying with the banners with the facts of dividing. The first one has been done for you.

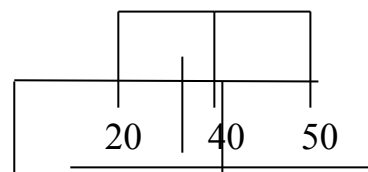
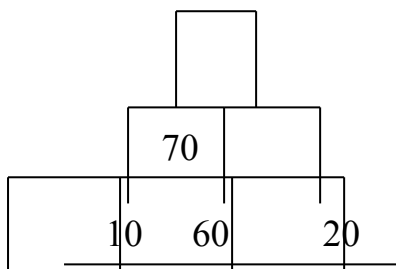


(4 marks)

9 (a) Shade the **multiples of 4** in this table:

3	4	7	8	12	18	21	25	16
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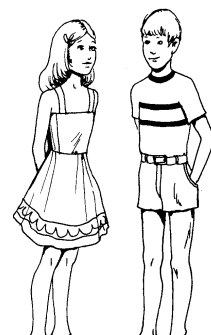
9 (b) Add the next-door numbers. Write the total above.



(6 marks)

10. Luke has 87 blocks. Alexia has 15 blocks more.

(a) How much does **Alexia** have?



Alexia has _____ blocks

(b) How much do they have **altogether**?

Alexia and Luke have _____ blocks altogether.

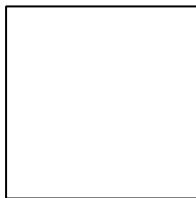
(c) _____ blocks **more** are needed so that Alexia and Luke will have 200 blocks in all

They need _____ blocks more.

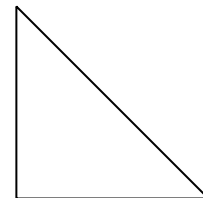
(6 marks)

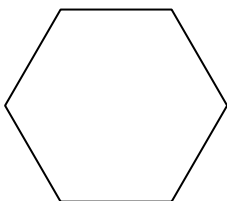
11. Use the words in the grid below to name the shapes.

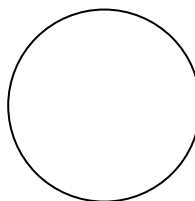
Circle	Rectangle	Pentagon	Square	Triangle	Hexagon
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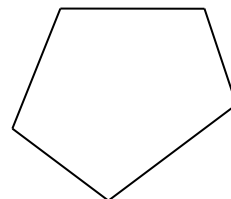










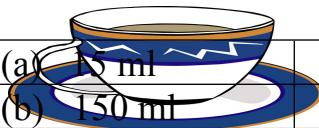


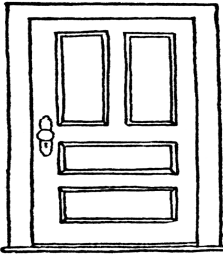
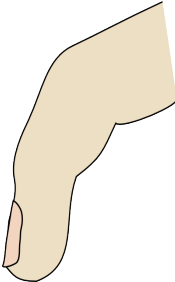
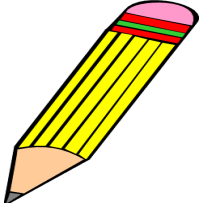
(6 marks)

12. Tick the correct unit with a \checkmark .

a. The capacity of a milk carton.	b. The capacity of a teacup.	c. The capacity of a kettle
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(a) 1 ml		(a) 15 ml		(a) 30 ml
(b) 100 ml		(b) 150 ml		(b) 300 ml
(c) 1000 ml		(c) 1500 ml		(c) 3000ml

d. The height of the classroom door.	e. The length of a child's finger.	f. The length of a new pencil.
		
(a) 2 cm	(a) 53mm	(a) 17mm
(b) 2 m	(b) 53cm	(b) 17cm
(c) 2 km	(c) 53 m	(c) 17 m

(6 marks)

13. Two pieces of ribbon have a difference in length of 9cm. The longer piece is 60 cm.

(a) What is the length of the **shorter piece**?

(b) What is the length of the **two pieces** of ribbon?







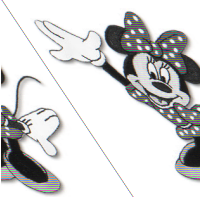


(c) I decide to cut the longer piece in **two equal parts**.

Each part is _____ cm long.

(6 marks)







14. Where are these Disney characters on the grid?

5		
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4					
3					
2					
1					
	A	B	C	D	E

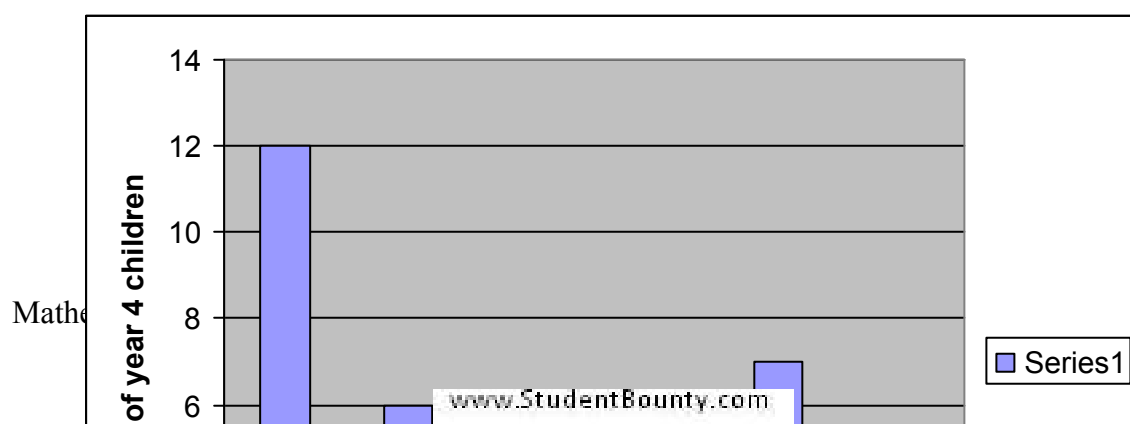
Example:



(6 marks)

15. Look carefully at this graph.
It shows Year 4's favourite colours.



Now answer these questions:

- (a) The most popular colour is _____.
- (b) The least popular colour is _____.
- (c) How many children liked blue the most? _____ children
- (d) The number of children who liked _____ is double the number of children who liked _____.
- (e) How many children liked orange more than green? _____ children

(6 marks)

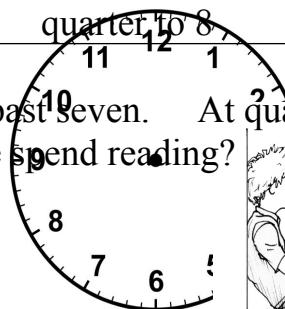
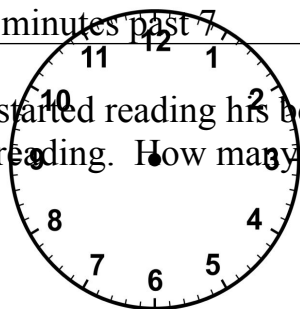
- 16 (a) Jane is thinking of two numbers less than 10.
They are both multiples of 3.
They add up to 12.
They have a difference of 6.
What are the numbers?



16 (b) Draw the hands to show the given times on the clocks.

(i)		(ii)	
<p>What time is it?</p> <p>25 minutes past 7.</p>		<p>What time is it?</p> <p>quarter to 8.</p>	

(c) Jack started reading his book at 25 minutes past seven. At quarter to 8 he stopped reading. How many minutes did he spend reading?



(6 marks)

END OF PAPER