7 + Entrance Examination

Paper 5

Numeracy / Maths

Total marks: 62

Time allowed: 1 hour

Full name .....

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Answer the questions below. You can show your working in the space provided.

1. **Match the words to figures.** (5 marks)

Ninety-eight	**89**
One hundred and twelve	**73**
Seventy-three	**64**
Sixty-four	**98**
Eighty-nine	**112**

2. Order these numbers from smallest to largest. (4 marks)

56, 79, 150, 35

3.a Circle the number which has the highest value of tens. (2 marks)

123 133

3.b Circle the number which has the highest value of units. (2 marks)

31 32

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4. Use < or > to put the correct sign in the spaces provided below. (4 marks)

a. 23 _____ 9

b. 6 _____ 25

c. 21 _____ 22

d. 33 _____ 28

5. Complete these number patterns. (4 marks)

a.

5		15		25		35

b.

14 ml		10 ml		6 ml		2ml

c.

1		5		9		13

d.

120 kg		80 kg		40 kg		0 kg

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6. Complete these number sentences. (8 marks)

a. 27 + 8 =	e. 69+10=
b. 21-9=	f. 35÷5=
c. 15+31=	g. 150 x 10=
d. 8 x 0=	h. 24 ÷4=

7.a Susan has these 3 coins in her purse? How much more money does she need in order to have £1? (2 marks)

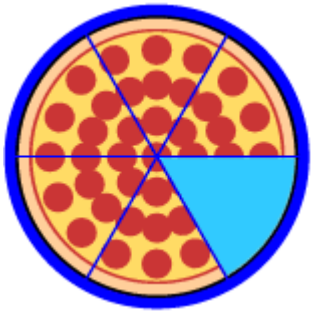
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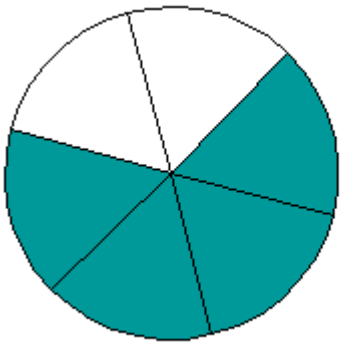
7.b. In the box below, show the coins needed to make your answer to the question above. There may be more than one correct answer. (2 marks)

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8 a. What fraction of this pizza has been eaten? _____ (1 mark)



8 b. What fraction of this shape is not shaded?_____ (1 mark)

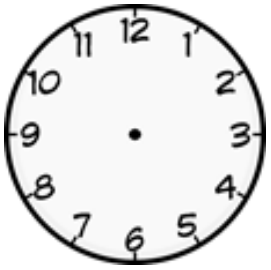


8 c. Can you write an equivalent fraction to your answer for question 8 b.? (1 mark)

_____

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9. Lucy wakes up at 7:15 am. Draw the hands onto the clock face to show this time. (2 marks)



10. Circle the answer which best fills the gap.

(1 mark)

The Giraffe in London Zoo is _____ tall

5 cm
5 m
5 L
5 kg
5 mm

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11. Fill in the missing numbers . (4 marks)

a. 20 - ____= 3

b. ____+ 40 = 85

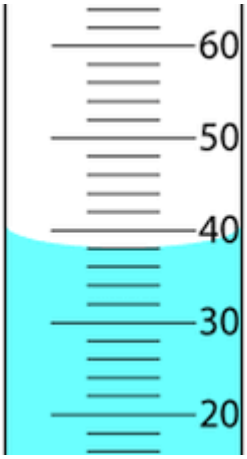
c. 5 x ____= 55

d.____ ÷ 2= 15

12. Partition these numbers in order to complete the table . (3 marks)

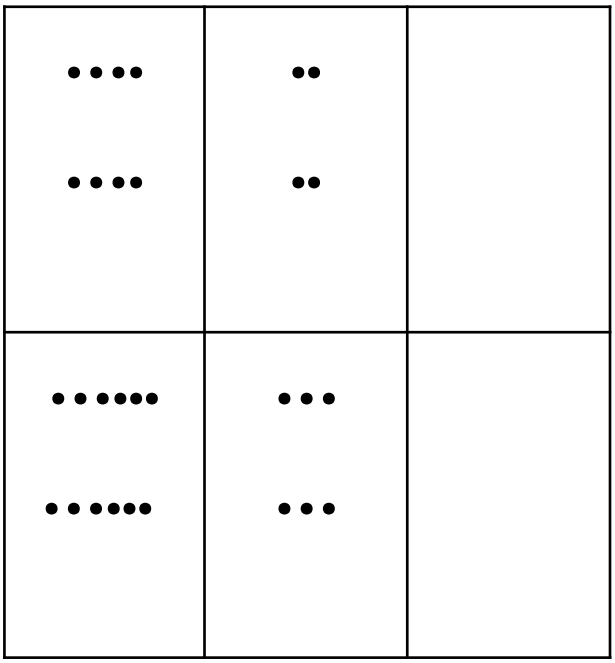
	Number of hundreds	**Number of tens**	**Number of units**
450			
691			
124			

13. How much liquid is in the measuring cylinder? Remember to include a relevant unit of measurement. _____(2 marks)



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14. Complete the domino pattern. Please note that the dominoes cannot have half dots. (2 marks)



15. Solve these word problems.

a. If 1 lollipop costs 5p, how much will 10 lollipops cost? _____

(2 marks)

b. Jamie walked to the park at 2:30pm . It takes 10 minutes to walk there, but he spent 5 minutes tying up his shoe laces. What time did he arrive at the park?

_____

(2 marks)

c. Nigel, Sam and Alisha have 15 sweets. They share them equally amongst themselves and have none left over. How many do they get each?

_____

(2 marks)

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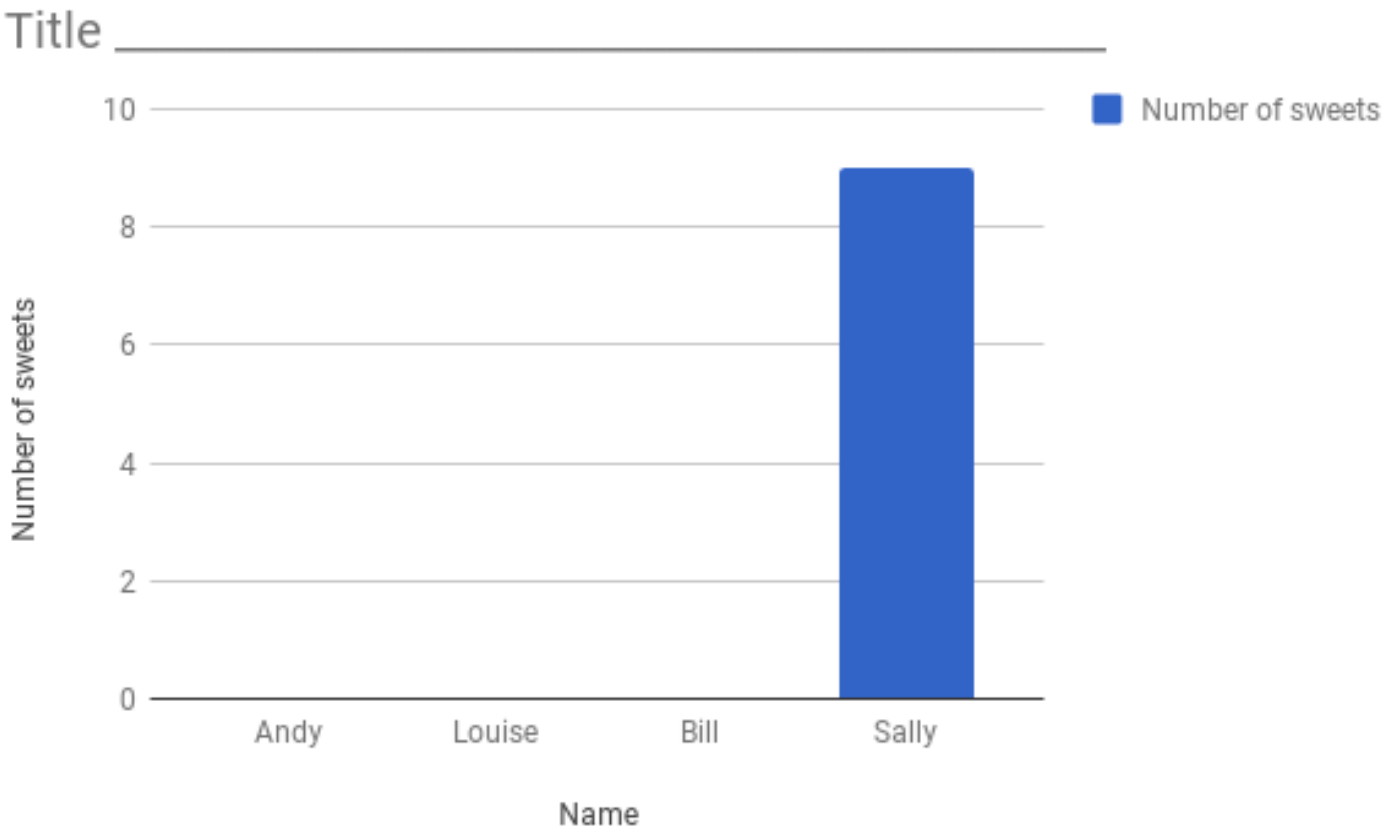
d. Liam counts in 5s and Matilda counts in 3s . They write their numbers down. Are any of the numbers that they write ever the same? Yes or no. Explain your answer.

_____

(2 marks)

16. Below is a table showing the number of sweets that belong to different children. Complete the bar chart in order to show the information in the table. Remember to also complete the title. (4 marks)

Name	**Number of sweets**
Andy	**2**
Louise	**3**
Bill	**6**
Sally	**9**

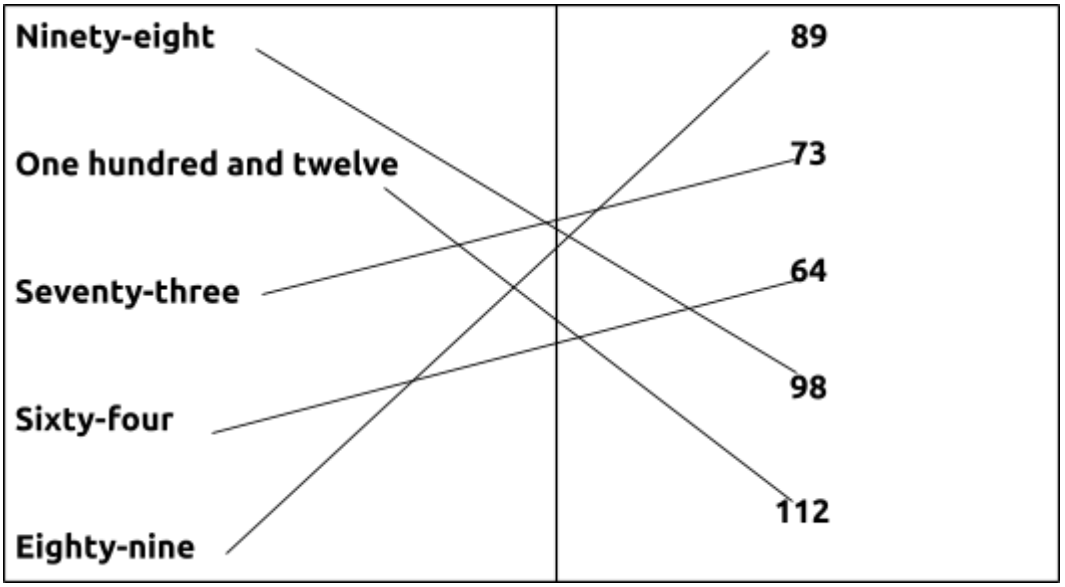


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7 + Entrance Examination - Maths Paper 5 - Numeracy Mark Scheme

Total Marks: 62

1.



2. 35, 56, 79, 150

3. a) 133

b) 32

4. >, <, <, >

5. a) 10, 20, 30

b) 12ml, 8ml, 4ml (remove half a point if the unit is forgotten)

c) 3, 7, 11

d) 100 kg, 60 kg, 20 kg (remove half a point if the unit is forgotten)

6. a) 35, b) 12, c) 46, d) 0, e) 79, f) 7, g) 1500, h) 6

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7. a) 35p (remove a point if the unit is forgotten)

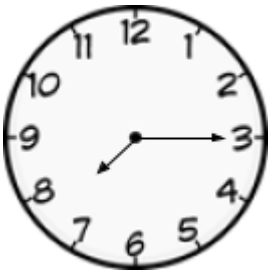
b) 20p, 10p, 5p (any other combination adding to 35p)

8. a) 1/6

b) 2/6 (or 1/3)

c) 1/3 (or 2/6) (other answers are also possible)

9. Long hand at 3 and short hand a little after the 7.



10. 5m

11. a)17 , b) 45, c) 11, d) 30

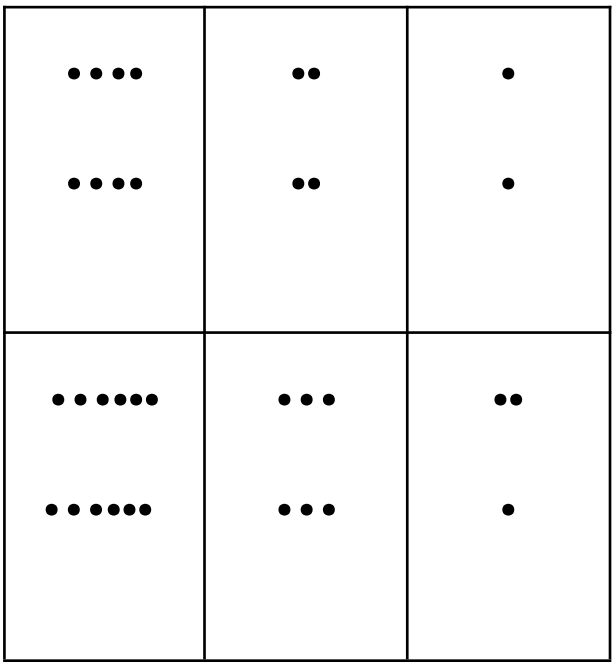
12.

	Number of hundreds	**Number of tens**	**Number of units**
450	4	5	0
691	6	9	1
124	1	2	4

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13. 38ml (remove a point if the unit is forgotten)

14. The number of dots is halved with each domino. The top row, therefore, needs 2 dots and the bottom row needs 3 dots (it does not matter where the dots are put in the domino so long as the number is correct).



15. a) 50p (remove a point if the unit is forgotten)

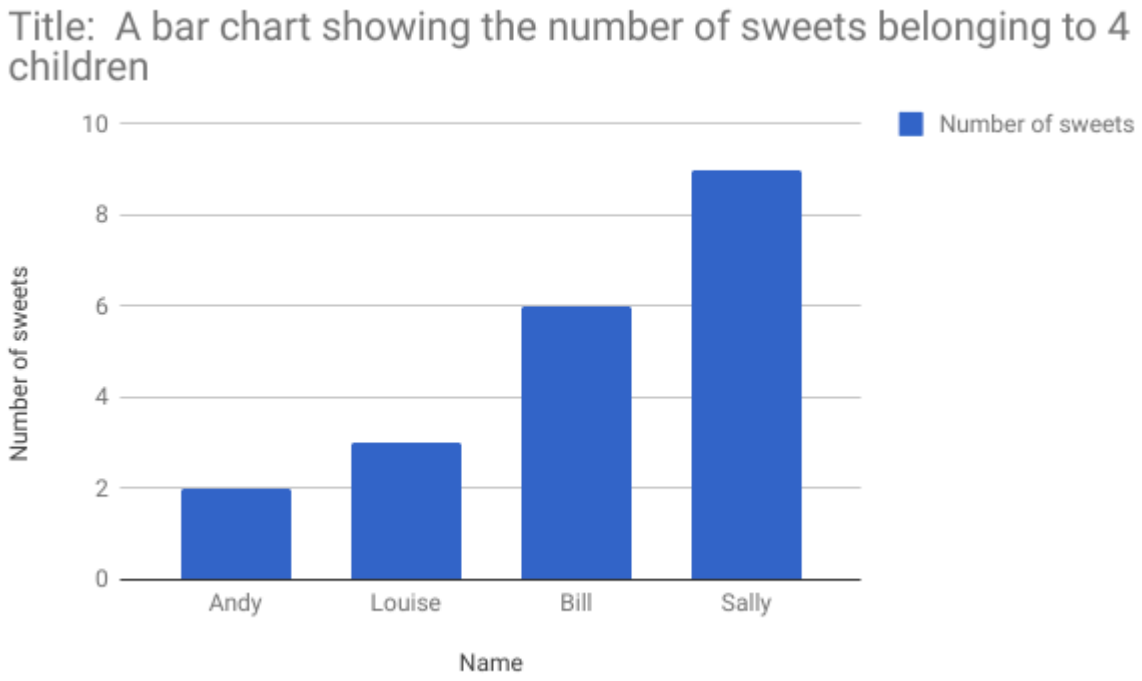
b) 2:45pm/ 14:45 (remove a point if pm is forgotten if the answer is written in the 12 hour clock)

c) 5

d) Yes, because 3 and 5 have some of the same multiples i.e. 15 and 30.

16. The title could be something along the lines of: A bar chart showing the number of sweets belonging to 4 children. Reward a point for each bar drawn and a relevant title.

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62 Marks Total

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