7 + Entrance Examination

Paper 4

Numeracy / Maths

Total marks: 71

Time allowed: 1 hour

Full name .....

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1. **Write these numbers in figures**

   a. forty five _____

   b. seven hundred and six _____

   c. ninety eight _____

   d. three hundred and forty one _____

4 marks

2. **Write these numbers in words**

   a. 57 _____

   b. 102 _____

   c. 587 _____

   d. 922 _____

4 marks

3. **Circle the even numbers**

15 22 50 79 99 102

1 mark

4. **Circle the odd numbers**

11 25 62 30 563 100

1 mark

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5. Using the digits 4, 6 and 7 write

a. The largest number you can make _____

b. The smallest number you can make _____

2 marks

6. Use the numbers 2, 8 and 10 to make different number stories

e.g. | **2** | **+** | **8** | **=** | **10** |

a. | | + | | = | |

b. | | - | | = | |

c. | | - | | = | |

3 marks

7. Complete the number sequences

a. 1, 3, 5, _____.

b. 0, 4, 8, _____, _____.

c. 100, 99, _____, 97, _____, _____.

3 marks

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8. a. Write a number between 21 and 33

_____

b. Write a number between 89 and 99

_____

2 marks

9.

a.	8	+	8	=	
b.	17	+	10	=	
c.	215	+	5	=	
d.	85	+	10	=	
e.	90	-	8	=	
f.	87	-	10	=	
g.	18	÷	3	=	
h.	45	÷	9	=	
i.	54	÷	2	=	

9 marks

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10. A jar of jam weighs 38 grams. A jar of marmalade weighs 48 grams.

a. Which is lighter? _____

b. How much lighter? _____

2 marks

11. a. If John has 40 footballs and gives half of them away, how many footballs does he have left?

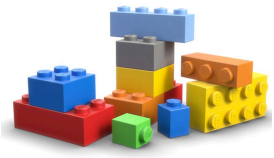
_____

b. James has 15p and his brother has double that amount. How much does his brother have?

_____

4 marks

12. The Toy Shop



Bricks = 25p



Football = 16p



Robot = 30p



Jigsaw = 11p

a. How much would the bricks and the robot cost altogether? _____

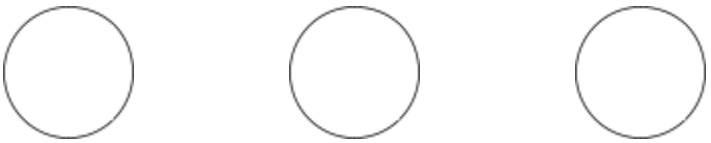
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b. What is the difference in price between the jigsaw and the football? _____

c. How much change would you receive from £1 if you bought the robot? _____

6 marks

13. a. Which 3 coins add to a total of 13p?



= 13p

1 mark

b. Amy has 3 coins to put into her piggy bank. How much does she have altogether?



_____

1 mark

14.

a. 17 + 3 = ☐

b. 52 + 73 = ☐

c. 16 - 8 = ☐

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d. 71 - 19 = ☐

e.
$$\begin{array}{r} 52 \\ +\ 22 \\ \hline \square \end{array}$$

f.
$$\begin{array}{r} 92 \\ -\ 40 \\ \hline \square \end{array}$$

g.
$$\begin{array}{r} 61 \\ +\ 36 \\ \hline \square \end{array}$$

h.
$$\begin{array}{r} 61 \\ -\ 25 \\ \hline \square \end{array}$$

8 marks

15.

a. 4 multiplied by 3 = _____

b. 5 lots of 5 = _____

c. 2 multiplied by 8 = _____

3 marks

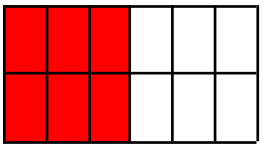
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16. Match the fractions to the pictures

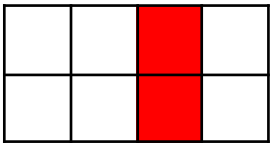
$\frac{1}{4}$



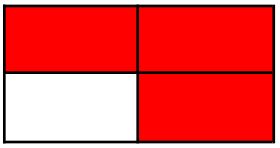
$\frac{1}{2}$



$\frac{3}{4}$



$\frac{1}{5}$



4 marks

17. Match the digital and analogue times

3:00	half past five
4:30	three o'clock
6:00	half past one
5:30	six o'clock
1:30	half past four

5 marks

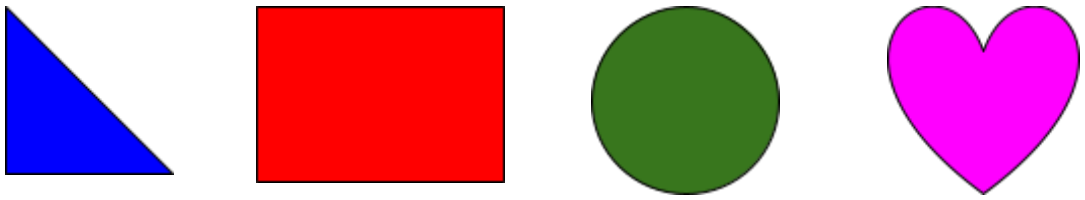
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18. The owl flew from his nest in June and returned three months later. In what month did the owl return to his nest?

_____

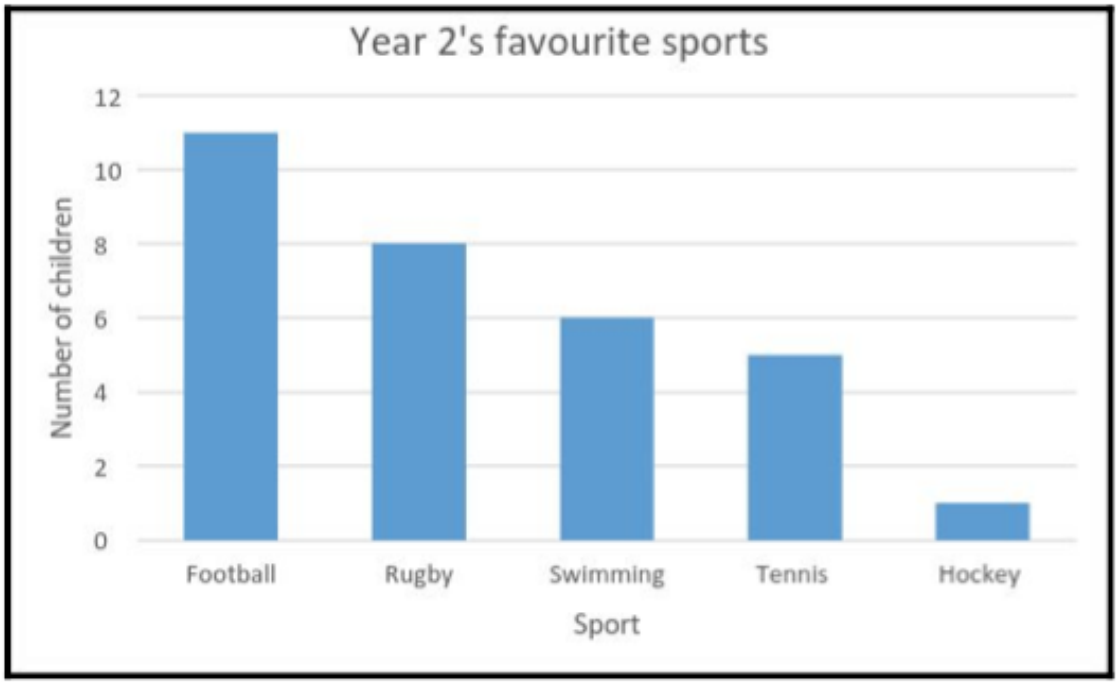
2 marks

19. Tick the shapes that have at least one right angle.



2 marks

20. The bar graph below shows the favourite sports of Year 2



a. Which sport is most popular? _____

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b. How many children voted for rugby as their favourite sport? _____

c. How many more children prefer swimming to tennis? _____

d. How many children are in Year 2? _____

4 marks

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7 + Entrance Examination
Maths Paper 4
Mathematics Marking Scheme

Total Marks: 71

1.
   a. 45
   b. 706
   c. 98
   d. 341

2.
   a. fifty seven
   b. one hundred and two
   c. five hundred and eighty seven
   d. nine hundred and twenty two

3. 22, 50, 102

4. 11, 25, 563

5.
   a. 764
   b. 467

6.
   a. 8+2 = 10
   b. 10-8 = 2
   c. 10-2 = 8

7.
   a. 7
   b. 12, 16
   c. 98, 96, 95

8.
   a. 22 - 32
   b. 90 - 98

9.
   a. 16
   b. 27
   c. 220

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d. 95
e. 82
f. 77
g. 6
h. 5
i. 27

10.
a. The jar of jam
b. 10 grams (deduct half a mark if there is no unit of measure)

11. Give one mark for the correct answer and one mark for showing working
a. 40 ÷ 2 = 20
b. 15p x 2 = 30p (deduct half a mark if there is no unit of measure)

12. Give one mark for the correct answer and one mark for showing working
a. 25p + 30p = 55p
b. 16p - 11p = 5p
c. £1 - 30p = 70p

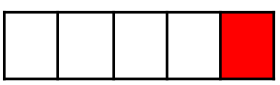
13.
a. 10p, 2p, 1p
b. 17p (deduct half a mark if there is no unit of measure)

14.
a. 20
b. 125
c. 8
d. 52
e. 74
f. 52
g. 97
h. 36

15.
a. 12
b. 25
c. 16

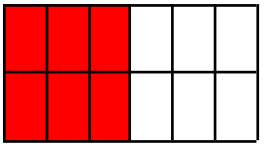
16.

1/5

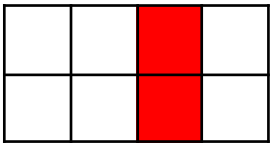


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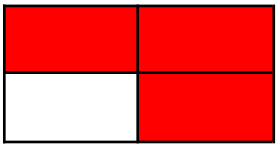
½



¼



¾



17.

3:00	three o'clock
4:30	half past four
6:00	six o'clock
5:30	half past five
1:30	half past one

18. September

19. The triangle and the rectangle

20.

a. Football
b. 8
c. 1
d. 31

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