



## **7 + Entrance Examination**

Paper 4

Numeracy / Maths

**Total marks: 71**

**Time allowed: 1 hour**

Full name .....

**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

**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.  $\boxed{2} + \boxed{8} = \boxed{10}$

a.  $\boxed{\phantom{0}} + \boxed{\phantom{0}} = \boxed{\phantom{0}}$

b.  $\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$

c.  $\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$

3 marks

**7. Complete the number sequences**

a. 1, 3, 5, \_\_\_\_\_.

b. 0, 4, 8, \_\_\_\_\_, \_\_\_\_\_.

c. 100, 99, \_\_\_\_\_, 97, \_\_\_\_\_, \_\_\_\_\_.

3 marks

**8. a. Write a number between 21 and 33**

---

**b. Write a number between 89 and 99**

---

2 marks

**9.**

a.  $8 + 8 = \square$

b.  $17 + 10 = \square$

c.  $215 + 5 = \square$

d.  $85 + 10 = \square$

e.  $90 - 8 = \square$

f.  $87 - 10 = \square$

g.  $18 \div 3 = \square$

h.  $45 \div 9 = \square$

i.  $54 \div 2 = \square$

9 marks

**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?**

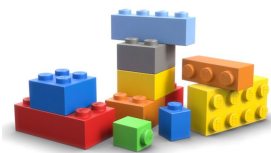
\_\_\_\_\_

**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?

\_\_\_\_\_

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

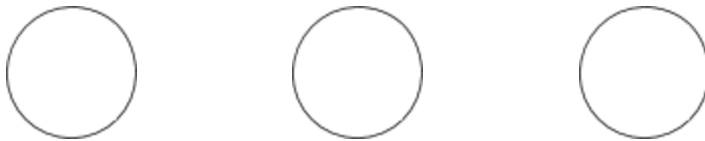
\_\_\_\_\_

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.  $17 + 3 = \square$

b.  $52 + 73 = \square$

c.  $16 - 8 = \square$

d.  $71 - 19 = \square$

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 = \_\_\_\_\_

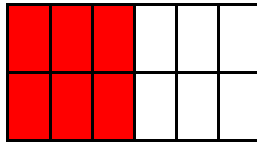
3 marks

**16. Match the fractions to the pictures**

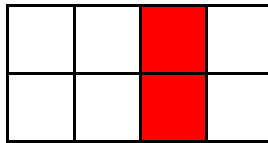
$\frac{1}{4}$



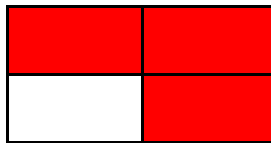
$\frac{1}{2}$



$\frac{3}{4}$



$\frac{1}{5}$



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

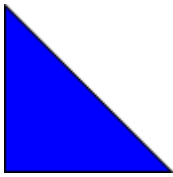


18. The owl flew from his nest in June and returned three months later. In what month did the owl return to his nest?

\_\_\_\_\_

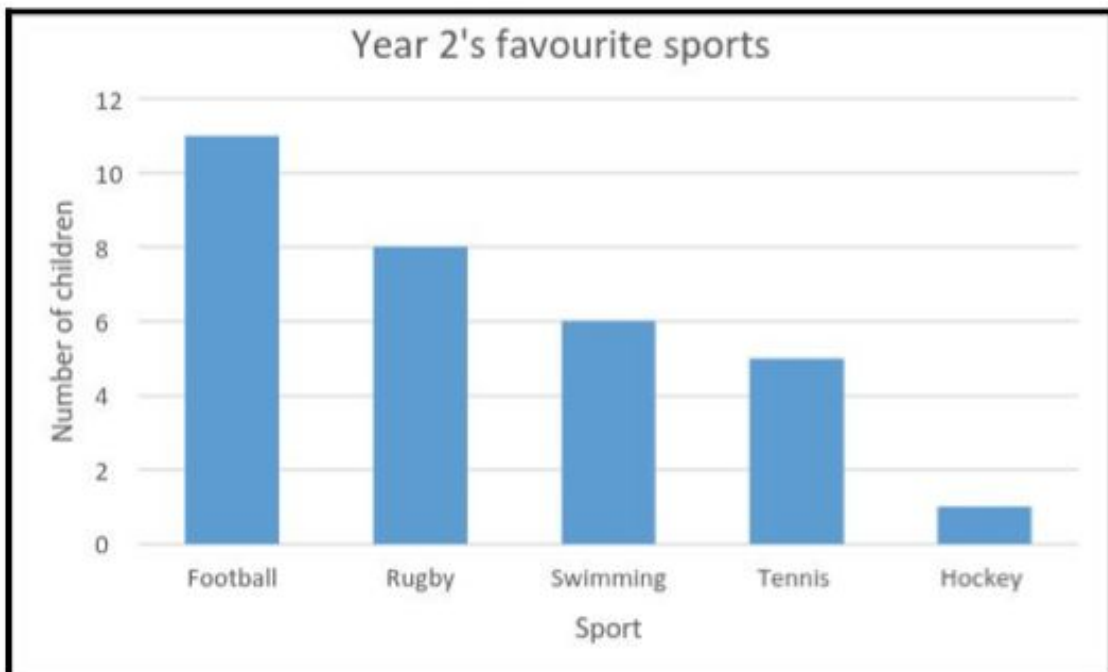
2 marks

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?

\_\_\_\_\_

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

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c. How many more children prefer swimming to tennis?

---

d. How many children are in Year 2?

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4 marks

**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

- 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.  $40 \div 2 = 20$
- b.  $15p \times 2 = 30p$  (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.  $\text{£}1 - 30p = 70p$

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.

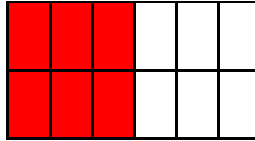
- a. 12
- b. 25
- c. 16

16.

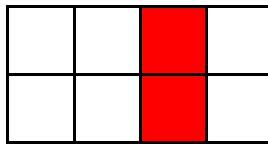
$\frac{1}{5}$



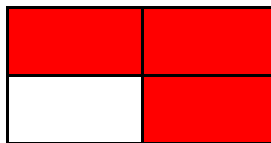
$\frac{1}{2}$



$\frac{1}{4}$



$\frac{3}{4}$



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