



7 + Entrance Examination

Paper 3

Numeracy / Maths

Total marks: 58

Time allowed: 45 minutes

Full name

4. Write the following as numbers

a. Seven _____

b. Fourteen _____

c. Two hundred and ten _____

3 marks

5. a. Put these numbers in the correct order from smallest to largest.

22, 17, 5, 15, 26, 34, 2,

1 mark

b. Circle the odd numbers in the sequence above.

1 mark

6. Put the correct sign in the spaces provided below (+ , - , x , ÷)

a. 23 _____ 8 = 15

b. 30 _____ 5 = 6

c. 7 _____ 2 = 14

d. 23 _____ 7 = 30

4 marks

7. Answer the following questions:

a) $2 \times 3 =$ _____

b) $2 \times 5 =$ _____

c) $3 \times 2 =$ _____

d) $3 \times 5 =$ _____

e) $2 \times 10 =$ _____

f) $5 \times 10 =$ _____

g) $53 - 8 =$ _____

h) $18 + 5 - 4 =$ _____

i) $4 + 11 - 2 =$ _____

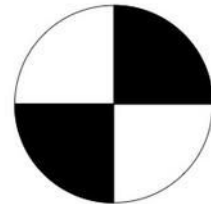
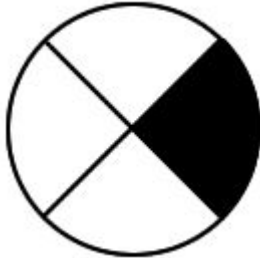
9 marks

8. What fraction of each shape is shaded? Draw a line from each fraction to the correct shape.

$\frac{1}{2}$

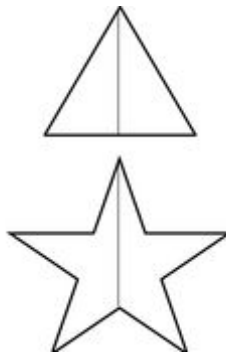
$\frac{1}{4}$

$\frac{2}{4}$



3 marks

9. Shade one half on both of the shapes below.



2 marks

10 a. Six hotdogs cost £1.10. How much would it cost to buy 12 hotdogs? _____ 2 marks

b. Alison has £32 but spends half in the shops. How much money is she left with? _____ 2 marks

- c. A bag of crisps cost 5p. How much would it cost if I bought a bag of crisps every day for 5 days? _____ 2 marks

11. John wants to buy an apple that costs 12p.

- a. Which 2 coins could he use? (Circle your answer)



1 mark

- b. Which 3 coins could he use to make the same amount of 12p? (Write your answer below)

1 mark

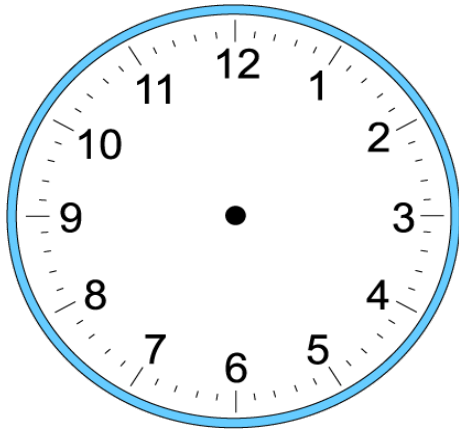
12.

- a. How many days are in a week? _____ 1 mark

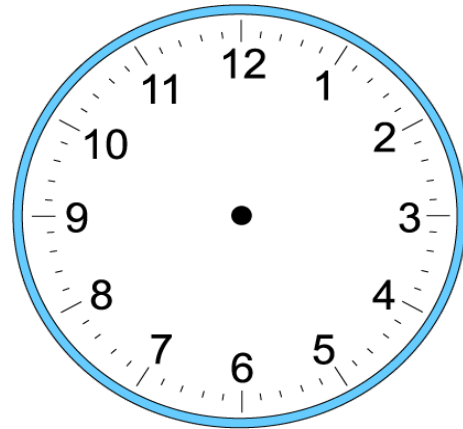
- b. How many hours are there in a day? _____ 1 mark

13. Show the times on these clocks:

5 o'clock:



Half past 2:



2 marks

14. Match the following shapes to their names

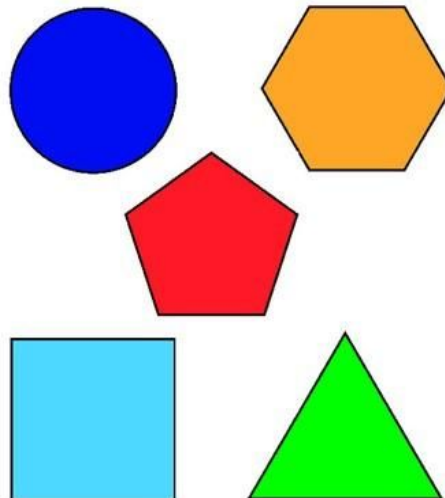
Circle

Triangle

Hexagon

Pentagon

Square



5 marks

15. George grew some sunflowers.

One grew to 46cm

The tallest was 53cm

a) How much taller was that? _____ 1 mark

He planted 14 seeds

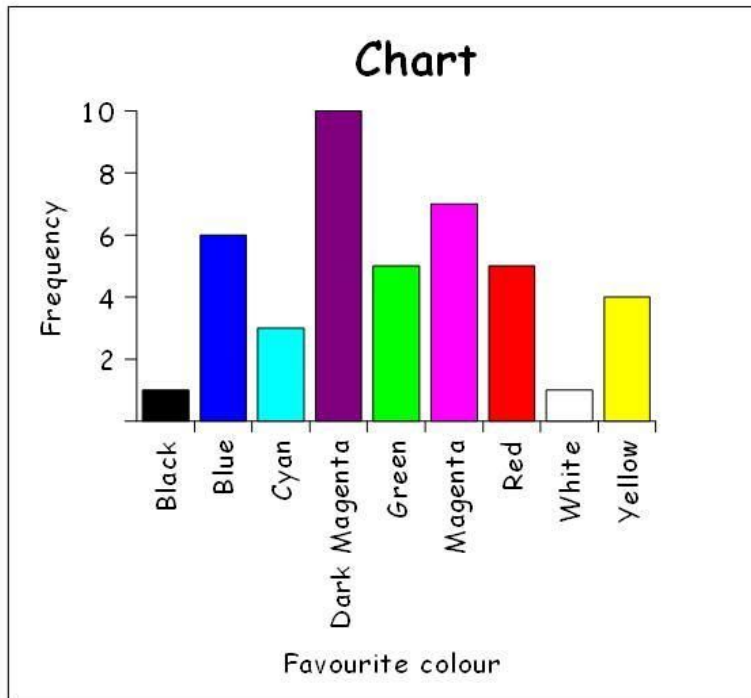
Half of them died

b) How many sunflowers did George grow? _____ 1 mark

He watered them twice a day for 2 weeks.

c) How many times was that? _____ 1 mark

15. Look at this chart and answer the questions below:



a) Which was the most popular colour? _____

b) How many more children preferred yellow to black? _____

c) How many children chose green as their favourite colour? _____

3 marks

**7 + Entrance Examination
Maths Paper 3
Mathematics Marking Scheme**

Total marks: 58

1.
 - a. 21, 24, 27
 - b. 20, 25, 30
 - c. 8, 6, 4

2.
 - 17 should be rounded to 20
 - 11 should be rounded to 10
 - 3 should be rounded to 0
 - 8 should be rounded to 10
 - 61 should be rounded to 60
 - 31 should be rounded to 30

3.
 - a. thirteen
 - b. two hundred
 - c. twenty two

4.
 - a. 7
 - b. 14
 - c. 210

5.
 - a. 2, 5, 15, 17, 22, 26, 34
 - b. 5, 15, 17

6.
 - a. $23 - 8 = 15$
 - b. $30 \div 5 = 6$
 - c. $7 \times 2 = 14$
 - d. $23 + 7 = 30$

7.
 - a. $2 \times 3 = 6$
 - b. $2 \times 5 = 10$
 - c. $3 \times 2 = 6$
 - d. $3 \times 5 = 15$

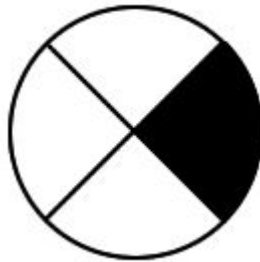
- e. $2 \times 10 = 20$
- f. $5 \times 10 = 50$
- g. $53 - 8 = 45$
- h. $18 + 5 - 4 = 19$
- i. $4 + 11 - 2 = 13$

8.

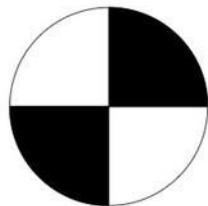
$\frac{1}{2}$



$\frac{1}{4}$



$\frac{2}{4}$



9. 1 mark awarded for shading half of each shape.

10.

- a. £2.20
- b. £16.00
- c. 25p

11.

- a. Students should circle the 2p and 10p coins
- b. $5p + 5p = 2p$

12.

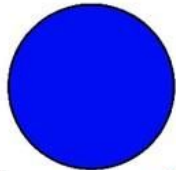
- a. 7
- b. 24

13.

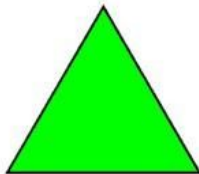
- a. The long hand should point to 12; the short hand should point to 5
- b. The long hand should point to 6; the short hand should point between 2 and 3

14.

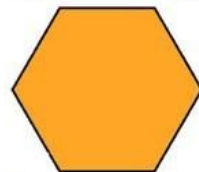
Circle



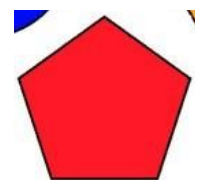
Triangle



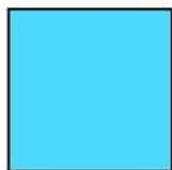
Hexagon



Pentagon



Square



15.

- a. 7cm
- b. 7

c. 28

16.

a. dark magenta

b. 3

c. 5