



7 + Entrance Examination

Paper 1

Numeracy / Maths

Total marks: 65

Time allowed: 1 hour

Full name

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

1a. $18 - 7 =$

b. $5 + 8 =$

c. $15 - 9 =$

d. $17 + 28 =$

e. $2 \times 3 =$

f. $20 \div 4 =$

6 marks

2. Fill in the missing numbers

a. $\times 3 = 12$

b. $- 9 = 20$

c. $+ 8 = 31$

3 marks

- 3 a. Sam has 24 apples but decides to give 9 away.
How many apples does she have left? _____ 2 marks
- b. Tom has 16 sweets and decides to share them
between him and his friend. How many sweets
does Tom's friend get? _____ 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
- d. Sue has 21p and Ben has 16p more. How much
money does Ben have? _____ 2 marks
- e. Alison has £32 but spends half in the shops.
How much money is she left with? _____ 2 marks
- f. A class of 32 goes to the theatre, but there are
only 24 seats. How many more seats are
needed? _____ 2 marks
- g. 6 hotdogs cost £1.10. How much would it cost
to buy 12 hotdogs? _____ 2 marks
- h. David's alarm clock goes off at 6:45. He sleeps
in for 15 minutes. What time does he get up? _____ 2 marks
- i. Joe is 125cm tall. His younger brother John is
15cm taller than him. How tall is John?
_____ 2 marks

4. Can you put the correct sign in the spaces provided below? +, -, x, ÷

a. $23 \text{ ______ } 8 = 15$

b. $30 \text{ ______ } 5 = 6$

c. $7 \text{ ______ } 2 = 14$

d. $23 \text{ ______ } 7 = 30$

4 marks

5. Circle all the even numbers.



2 marks

6. Match the words to the figures.

79

five hundred and ninety nine

101

seventy nine

214

one hundred and one

599

two hundred and fourteen

4 marks

7. Finish partitioning these numbers:

$$432 = 400 + \square + 2$$

$$517 = 500 + 10 + \square$$

$$112 = \square + 10 + 2$$

$$509 = 500 + \square + 9$$

4 marks

8. Complete the sequences:

a. 900ml, 700ml, 500ml, _____, 100ml

b. 110g, 120g, 130g, _____, 150g, 160g, _____

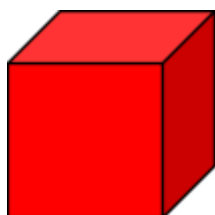
c. _____, 1.5kg, 2kg, 2.5kg, _____, 3.5kg

5 marks

9. Write your answers in the boxes below:



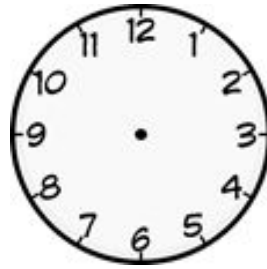
Number of faces



Number of edges

2 marks

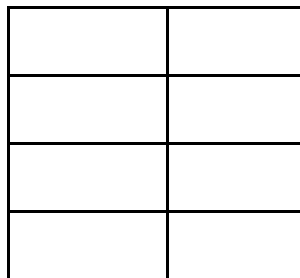
10. Samantha goes to bed at 8:30pm. Draw the hands onto the clock face to show this time.



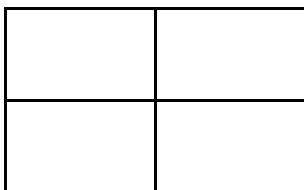
1 mark

11. Shade the fractions:

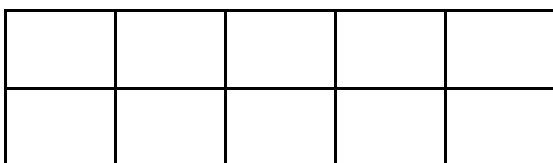
a. A half:



b. Three quarters:



c. One fifth:



d. Two thirds

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4 marks

12. Round the numbers to the nearest ten.

a. 11 is nearest to _____

b. 26 is nearest to _____

c. 39 is nearest to _____

d. 99 is nearest to _____

4 marks

13. Fill in the correct temperature in the empty boxes.

5°C	10°C		20°C	25°C		35°C		45°C	50°C
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3 marks

14a. Ben scored 6 goals in his first match. On his second match he scored twice as many goals. How many goals has Ben scored altogether?

_____ goals

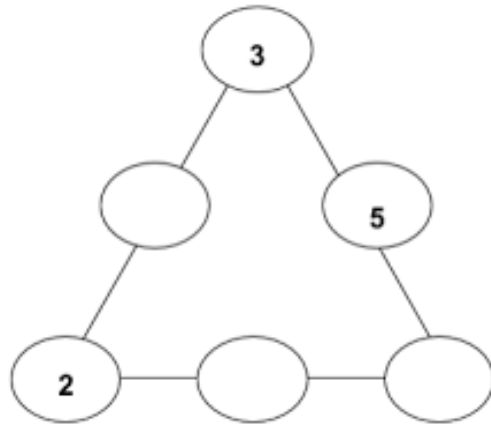
1 mark

14b. In four weeks, Ben played 16 games of football. How many games did Ben play in 1 week?

_____ goals

1 mark

15. Fill in the spaces with a number 0 – 9. All lines should add to nine and each number should only appear once in the triangle.



3 marks

7 + Entrance Examination - Maths Paper 1 - Numeracy Mark Scheme

Total Marks: 65

1

- a. 11
- b. 13
- c. 6
- d. 45
- e. 6
- f. 5

2

- a. 4
- b. 29
- c. 23

3. One mark awarded for correct answer, one mark awarded for showing working:

- a. 15
- b. 8
- c. 25p
- d. 37p
- e. £16.00
- f. 8
- g. £2.20

h. 7:00

i. 140cm

4

- a. subtract
- b. divide
- c. multiply
- d. add

5. 6 and 8

6. One mark awarded to each correct answer

7.

- a. 30
- b. 7
- c. 100
- d. 0

8.

- a. 300ml
- b. 140g, 170g
- c. 1 kg, 3kg

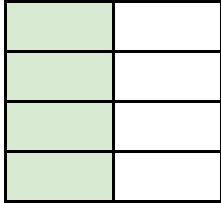
9.

- a. 2 faces
- b. 12 edges

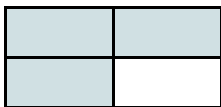
10. Half a mark given for a correct time, half a mark given for minute hand being smaller than the hour hand.

11. Shade the fractions:

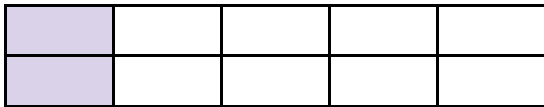
a. A half



b. Three quarters



c. One fifth



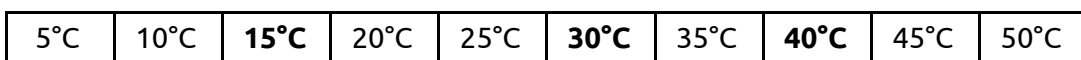
d. Two thirds



12.

- a. 10
- b. 30
- c. 40
- d. 100

13.



14.
a. 18
b. 4

15.

