

1. Write the following numbers in ascending order.

$$\frac{4}{5}, \frac{1}{3}, \frac{1}{2}, \frac{5}{8}$$

$$\frac{1}{3}, \frac{1}{2}, \frac{5}{8}, \frac{4}{5}$$

(2 marks)

2. Work out 127×36

$$4572$$

(2 marks)

3. Work out $\text{£}9.40 \div 4$

$$\text{£}2.35$$

(1 mark)

4. Work out 4^{-2}

$$\frac{1}{16}$$

(1 mark)

5. Round 0.8457 to 2 decimal places.

$$0.85$$

(1 mark)

6. Write down the twelfth square number.

$$144$$

(1 mark)

7. Work out $\left(\frac{3}{5}\right)^2$

$$\frac{9}{25}$$

(2 marks)

8. A length has been rounded to 6 m correct to the nearest meter.

Write down the error interval

$$5.5 \leq x < 6.5$$

(2 marks)

9. Work out $25^{\frac{1}{2}}$

$$5$$

(1 mark)

10. Work out 5^0

$$1$$

(1 mark)

11. Share £48 between Ben and Lucie in the ratio 3:1.

How much more did Ben get than Lucie?

£24

.....
(2 marks)

12. Simplify $\sqrt{12}$

$2\sqrt{3}$

.....
(2 marks)

13. Work out $1\frac{1}{5} - \frac{1}{4}$

$\frac{19}{20}$

.....

(2 marks)

14. Work out $1\frac{2}{3} \times \frac{3}{4}$

$1\frac{1}{4}$

.....

(2 marks)

15. Express 36 as a product of its prime factors.

$2^2 \times 3^2$

.....
(2 marks)

16. Workout the HCF and LCM of 30 and 12.

$HCF = 6$

$LCM = 60$

.....
(2 marks)

17. Write 2.7×10^{-5} as an ordinary number.

0.000027

.....
(2 marks)

18. Convert 3940000 into standard form.

3.94×10^6

.....
(2 marks)

19. Work out $(5 \times 10^6) - (4 \times 10^5)$

4.6×10^6

.....
(3 marks)

Score =