1. Write the following numbers in ascending order.

$$\frac{3}{5}, \quad \frac{2}{3}, \quad \frac{4}{7}, \quad \frac{3}{8},$$

$\frac{3}{8}, \frac{4}{7}, \frac{3}{5}, \frac{2}{3}$

....

(2 marks)

2. Work out 138×47

6486

....

(2 marks)

3. Work out $£5.52 \div 3$

£1.84

....

(1 mark)

4. Work out 5^{-2}

$\frac{1}{25}$

....

(1 mark)

5. Round 12.45172 to 1 decimal place.

12.5

....

(1 mark)

6. Write down the sixth square number.

36

....

(1 mark)

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

$\frac{4}{49}$

....

(2 marks)

8. A length has been rounded to 4 m correct to the nearest meter.

Write down the error interval

$3.5 \leq x < 4.5$

....

(2 marks)

9. Work out $36^{\frac{1}{2}}$

6

....

(1 mark)

10. Work out 9^0

1

....

(1 mark)

11. Share £32 between Sam and Heather in the ratio 3:1.

How much more did Sam get than Heather?

£16
....
(2 marks)

12. Simplify $\sqrt{50}$

$5\sqrt{2}$
....
(2 marks)

13. Work out $1\frac{1}{5} + \frac{3}{4}$

$\frac{9}{20}$
....
(2 marks)

14. Work out $1\frac{3}{5} \times \frac{2}{3}$

$\frac{11}{20}$
....
(2 marks)

15. Express 40 as a product of its prime factors.

$2^3 \times 5$
....
(2 marks)

16. Workout the HCF and LCM of 15 and 25.

$HCF = 5$
$LCM = 75$
....
(2 marks)

17. Write 3.51×10^4 as an ordinary number.

35,100
....
(2 marks)

18. Convert 0.000516 into standard form.

5.16×10^{-4}
....
(2 marks)

19. Work out $(3 \times 10^6) + (5 \times 10^7)$

5.3×10^7
....
(3 marks)

Score =