1. Write the following numbers in ascending order.

$$\frac{4}{7}, \quad \frac{6}{9}, \quad \frac{5}{8}, \quad \frac{3}{11},$$

....

(2 marks)

2. Work out $£1.16 \times 35$

....

(2 marks)

3. Work out $£11.16 \div 3$

....

(1 mark)

4. Work out 2^{-3}

....

(1 mark)

5. Estimate 7.82×3.412

....

(1 mark)

6. Write down the tenth prime number.

....

(1 mark)

7. Work out $\left(\frac{1}{2}\right)^5$

....

(2 marks)

8. A number has been rounded to 80 to the nearest 1 significant figure.

Write down the error interval

....

(2 marks)

9. Work out $27^{\frac{2}{3}}$

....

(1 mark)

10. Work out m^0

....

(1 mark)

11. Some money has been shared between Tom, Eva and Kim in the ratio 2:5:1.
Eva received £12 more than Kim.
How much did Tom get?

……………………
(2 marks)

12. Simplify $\sqrt{72}$

……………………
(2 marks)

13. Work out $1\frac{1}{5} - \frac{5}{6}$

……………………
(2 marks)

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

……………………
(2 marks)

15. Express 525 as a product of its prime factors.

……………………
(2 marks)

16. Workout the HCF and LCM of 40 and 24.

……………………
(2 marks)

17. Write 2.9×10^{-6} as an ordinary number.

……………………
(2 marks)

18. Convert 0.9×10^5 into standard form.

……………………
(2 marks)

19. Work out $(1.2 \times 10^6) \div (4 \times 10^8)$

……………………
(3 marks)

Score =