1. Write the following numbers in ascending order.

$$\frac{7}{10}, \quad \frac{6}{8}, \quad \frac{3}{5}, \quad \frac{4}{7},$$

…………………….

(2 marks)

2. Work out 107×122

…………………

(2 marks)

3. Work out £12.42 ÷ 6

…………………

(1 mark)

4. Work out 8^{-2}

…………………

(1 mark)

5. Round 5.64781 to 2 significant figures.

…………………

(1 mark)

6. Write down the third cube number.

…………………

(1 mark)

7. Work out $\left(\frac{1}{3}\right)^3$

…………………

(2 marks)

8. A number has been rounded to 3.6 to the nearest 1 decimal place.

Write down the error interval

…………………

(2 marks)

9. Work out $8^{\frac{1}{3}}$

…………………

(1 mark)

10. Work out h^0

…………………

(1 mark)

11. Some money has been shared between Ross and Katie in the ratio 2:5.
Katie received £21 more than Ross.
How much did they have all together?

………………………
(2 marks)

12. Simplify $\sqrt{24}$

………………………
(2 marks)

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

………………………
(2 marks)

14. Work out $1\dfrac{2}{3} \times \dfrac{1}{8}$

………………………
(2 marks)

15. Express 135 as a product of its prime factors.

………………………
(2 marks)

16. Workout the HCF and LCM of 21 and 12.

………………………
(2 marks)

17. Write 1.08×10^4 as an ordinary number.

………………………
(2 marks)

18. Convert 70000000 into standard form.

………………………
(2 marks)

19. Work out $(2 \times 10^4) \times (6 \times 10^7)$

………………………
(3 marks)

Score =