1. Write the following numbers in ascending order.

$$\frac{7}{11}, \quad \frac{9}{12}, \quad \frac{5}{7}, \quad \frac{4}{13},$$

…………………….

(2 marks)

2. Work out   £2.78 × 17

…………………

(2 marks)

3. Work out   £32.22 ÷ 9

…………………

(1 mark)

4. Work out 4^{-3}

…………………

(1 mark)

5. Estimate 19.424 ÷ 0.49

…………………

(1 mark)

6. Write down the 18th square number.

…………………

(1 mark)

7. Work out $\left(\dfrac{2}{5}\right)^4$

…………………

(2 marks)

8. A number has been rounded to 24 to the nearest 2 significant figures.
   Write down the error interval

…………………

(2 marks)

9. Work out $32^{\frac{3}{5}}$

…………………

(2 marks)

10. Work out y^0

…………………

(1 mark)

11. Some money has been shared between Leo, Jake and Sue in the ratio 5:3:7.
    Sue received £28 more than Jake.
    How much did they have all together?

………………
(2 marks)

12. Simplify $\sqrt{112}$

………………
(2 marks)

13. Work out $1\frac{2}{5} - \frac{5}{8}$

………………
(2 marks)

14. Work out $1\frac{4}{5} \div 1\frac{3}{4}$

………………
(2 marks)

15. Express 882 as a product of its prime factors.

………………
(2 marks)

16. Workout the HCF and LCM of 40 and 36.

………………
(2 marks)

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

………………
(2 marks)

18. Convert 125.3×10^7 into standard form.

………………
(2 marks)

19. Work out $(2.7 \times 10^8) \div (9 \times 10^{-4})$

………………
(3 marks)

Score =