

1. Write the following numbers in ascending order.

$$\frac{4}{7}, \frac{8}{20}, \frac{3}{5}, \frac{3}{8}$$

.....  
(2 marks)

2. Work

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.....  
(2 marks)

3. Work out £12.2

.....  
(1 mark)

4. Work out  $5^{-3}$

.....  
(1 mark)

5. Estimate  $6.542 \times 6.2781$

.....  
(1 mark)

6. Write down the square of 9.

.....  
(1 mark)

7. Work out  $\left(\frac{5}{6}\right)^3$

.....  
(2 marks)

8. A number has been rounded to 300 to the nearest 100.

Write down the error interval

9. Work out  $36^{\frac{3}{2}}$

10. Work out  $12^0$

.....  
(1 mark)

11. Some money has been shared between Rob, Poppy and Li in the ratio 3:5:2. Poppy received £18 more than Rob.

How much did Li get?

.....  
(2 marks)

12. Simplify  $2x^2 + 3x - 5x^2 + 7x - 8$

.....  
(2 marks)

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

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.....  
(2 marks)

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

.....  
(2 marks)

15. Express 675 as a product of prime numbers.

.....  
(2 marks)

16. Work out the HCF and LCM of 24 and 36

.....  
(2 marks)

17. Write  $2.8 \times 10^{11}$  as an ordinary number.

.....  
(2 marks)

18. Convert  $0.67 \times 10^{-3}$  into standard form.

.....  
(2 marks)

19. Work out  $(3.6 \times 10^{12}) \times (2 \times 10^{-5})$

.....  
(2 marks)

Score =