

1 Which of the decimals in the following pairs is biggest?

- a) 0.45 or 0.54 b) 0.21 or 0.2 c) 0.3 or 0.14 d) 0.695 or 0.78 e) 0.5 or 0.496

2 Put these decimals in order of size, smallest to largest

- a) 0.3, 0.23, 0.32, 0.312, 0.2 b) 0.607, 0.6, 0.706, 0.76, 0.67

3 Work out

- a) 3.2×10 b) 2.54×10 c) 1.25×100 d) 0.786×100 e) 0.7×100
 f) 2.3×100 g) 0.05×1000 h) $24 \div 10$ i) $6 \div 10$ j) $37.6 \div 10$
 k) $0.5 \div 10$ l) $32 \div 100$ m) $9 \div 100$ n) $4.3 \div 100$ o) $45.6 \div 1,000$

4 Now add and subtract these numbers be careful of your placings

- a) $2.83 + 1.6$ b) $0.74 + 12.6$ c) $8.2 - 1.6$ d) $8.9 - 2.31$ e) $0.34 - 0.198$

5 Work these out, be careful of your decimal points

- a) 1.4×2 b) 3.4×4 c) 18.2×5 d) 0.2×0.3 e) 1.1×0.7
 f) 0.5×0.4 g) 0.06×0.3 h) 1.2×0.7 i) 9.3×0.6 j) 1.25×0.06

- 6 a) $3.2 \div 4$ b) $18.5 \div 5$ c) $16.8 \div 6$ d) $75.6 \div 12$ e) $27.69 \div 13$
 f) $2 \div 0.5$ g) $1.8 \div 0.6$ h) $24 \div 0.3$ i) $350 \div 0.7$ j) $28 \div 0.04$

7 **If $14.6 \times 6.5 = 94.9$ work out**

- a) 146×6.5 b) 1.46×0.65 c) $94.9 \div 6.5$ d) $94.9 \div 66$ e) $9.49 \div 146$

8 Round the following numbers to the nearest 10 a) 76 b) 483 c) 2,561 d) 23,452 e) 4,567,289

9 Round the following numbers to the nearest 100 a) 235 b) 564 c) 2,422 d) 8,581 e) 67,329

10 Round the following numbers to 1 decimal place a) 0.78 b) 2.34 c) 0.348 d) 36.471 e) 6.092

11 Round the following numbers to 3 decimal places

- a) 0.4231 b) 5.2137 c) 37.23671 d) 0.01235 e) 27.03274

12 Round these numbers to 1 significant figure a) 93 b) 242 c) 3,512 d) 7,298 e) 3,823,457

13 Round these numbers to 3 significant figures

- a) 2,537 b) 52,647 c) 930,256 d) 170,823 e) 949,623

14 Jim buys 20 stamps at £0.97 each. What is the total cost?

15 Pens come in boxes of 500, if the pens are £0.76 each, how much is the cost of a box?

16 I buy 6 cans of drink costing £0.62 each and 4 bars of chocolate costing £1.21 each.
How much have I spent?

17 Lemonade comes in packs of 6 cans. If a pack costs £3.42, how much is the cost of each individual can?

18 4 people have a meal in a restaurant, the bill comes to £105.80
If they share the cost equally how much does each person pay?

19 A sandwich costs £3.26. Jade buys 2 sandwiches, how much does she pay to the nearest pound?

20 Yummy bars cost £1.37 each. a) If I buy 5 bars, how much will I have to pay?
b) How much change will I get from £10