

71.1



1) Work out $50000 + 3000 + 70 + 0.7 + 0.003$

2) Work out 74×24

3) Simplify $7a + 3b - 2a - 2b$

4) Work out the value of $2a - 7$ when $a = 9$

5) Round 274 to one significant figure

71.2



1) Solve $x - 12 = 7$

2) Find the missing terms in the sequence 23, 31, ?, ?, 55,

3) Expand $3(4x - 2)$

4) Complete $127\text{cm} = \dots \text{m}$

5) What is the 5th cube number?

72.1



1) Round 3528 to 1 significant figure

2) Find 15% of 420kg

3) Simplify $b \times b \times b \times b$

4) Find the missing terms in the sequence ?, 34, 28, ?, 16

5) Complete $8 : 12 = ? : 3$

72.2

1) Expand $2x(3x - 4)$



2) Solve $3x + 5 = 26$

3) What is the cube root of 64?

4) Complete $3.5\text{cm} = \dots\dots\dots\text{m}$

5) Work out 20×20

73.1



1) Expand and simplify $3(4a - b) + 5(2a + 3b)$

2) Work out $3432 \div 24$

3) Work out $27000 \div 30$

4) Complete $6.3 \text{ litres} = \dots\dots\dots\text{ml}$

5) Work out 7.61×3.7

73.2



1) Round 60.79482 correct to 2 decimal places

2) Solve the equation $5(2x - 6) = 17$

3) Work out $23 - 3 \times 4 + 1$

4) Evaluate $4^2 + 4^3$

5) Work out $\frac{5}{6}$ of 222

74.1



1) Work out $\frac{3}{5} + \frac{2}{3}$

2) Work out the value of $40 - 3x$ when $x = 2$

3) Evaluate $3^3 \times 2^4$

4) Solve $2(2x + 3) = 7$

5) Complete $0.32 \text{ kg} \dots\dots\dots 48\text{g}$
(using $<$, $=$ or $>$)

74.2



1) Round 3.0468 to 1 decimal place

2) Find 30% of \$410

3) Find the missing terms in the sequence ?, 3, -1, ?, -9

4) **Estimate** 497×41

5) Express $3\frac{3}{4}$ as an improper fraction

75.1



1) Work out $6696 \div 18$

2) What is the 6th prime number?

3) Simplify the ratio 240cm : 2m

4) Simplify $2^6 \div 2^2$

5) Express $\frac{29}{3}$ as a mixed number

75.2



1) Work out $\frac{2}{5}$ of £735

2) Express 0.32 as a fraction

3) Work out $2 \times (2 + 4^2)$

4) Expand and simplify $4(2c - d) + 3(3c + 2d)$

5) Work out $\frac{8}{11} \times \frac{3}{4}$

76.1



1) Find 65% of 370 litres

2) Work out the value $4 + 3r^2$ when $r = 2$

3) Simplify $a^5b^3 \div a^2b$

4) a, Find the highest common factor of 8 and 12

b, Find the lowest common multiple of 8 and 12

5) Solve $3(2x - 4) = -78$

76.2



1) Work out $3\frac{1}{4} - 1\frac{2}{3}$

2) Find the missing terms in the sequence ?, -23, -29, ?, -41

3) Estimate $\frac{382+5}{2.073}$

4) Does the point (4,10) lie on the line $y = 3x - 2$?

5) Complete 4560cm 6.8m
(using <, = or >)