

81_3

1) Work out $\pounds 53.40 - \pounds 16.60$



2) Evaluate 3^3

3) Solve $3x + 12 = -3$

4) Round 349 to one significant figure

5) Work out $-3 - 15$

81.4



1) Find the nth term: -2, 3, 8, 13, ...

2) Simplify the ratio 210 : 60

3) Work out $3 \times \text{£}25.71$

4) Calculate the median of 5, 8, 2, 9, 9

5) Complete the equivalent fraction $\frac{5}{9} = \frac{?}{36}$

82.3



1) Estimate $4734 - 4153$

2) Work out $\frac{2}{3} \times \frac{6}{7}$

3) Work out $\text{£}634 \div 5$

4) Expand $5x(3 - 2x)$

5) Express 64 as a product of prime factors

83.3



1) Factorise $12 - 20x$

2) Simplify $a^3 \times b \times c^2 \times a^2 \times c$

3) Work out $927.2 \div 4$

4) Work out $\frac{7}{12} - \frac{3}{8}$

5) Find the nth term: 1, 16, 31, 46, ...

83.4



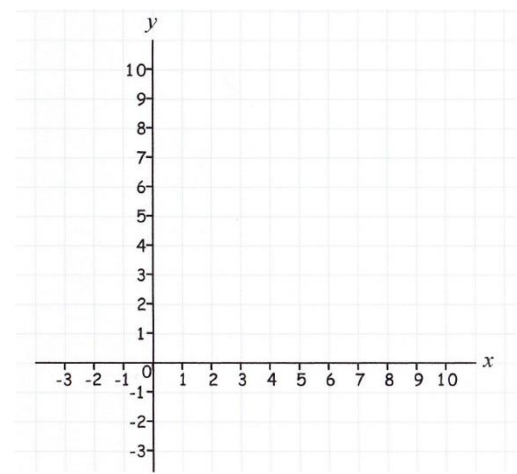
1) Work out $480 \div 1.2$

2) Solve the equation $3(2x + 3) = 9$

3) Divide £64 in the ratio 5 : 3

4) Express $\frac{3}{20}$ as a percentage

5) Find the gradient of the line $y = -3x + 9$



84.3



1) Find 25% of £140

2) Factorise $24x - 18$

3) Solve $5 + 2x = -10$

4) Express 630 as a product of primes

5) Calculate the median of 0.8, 0.3, 1.2, 0.7, 0.1, 3.1

84.4



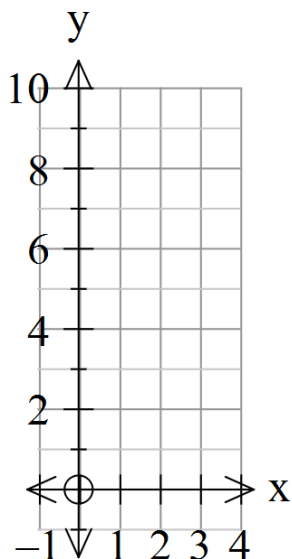
1) Work out $5 + 10 \times 3^2$

2) Work out $28 \div 0.4$

3) Make x the subject of $y = x^2 + b$

4) Express $\frac{7}{20}$ as a percentage

5) Where does the line $y = 3x + 1$ cross the y-axis?



85.3



1) Work out $1.8 + 1.7 \times 1.6$

2) Complete the ratio $3 : 8 = 24 : ?$

3) Solve $4x + 5 = 2x - 7$

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

5) Find the n^{th} term of the sequence 25, 29, 33, 37, ...



85.4

1) Find the gradient and y-intercept of the line

$$x + y = 5$$

2) Express 34 out of 400 as a percentage

3) Work out $3\frac{1}{4} \div 2\frac{3}{5}$

4) Round 0.0362 to one significant figure

5) Find 7% of £12

86.3



1) Work out $3\frac{3}{4} \div 1\frac{1}{3}$

2) Simplify $4x^3 \times 3x^2$

3) Find the gradient and y-intercept of the line $y - 3x = 7$

4) Solve $\frac{3x}{10} + 3 = 7$

5) Factorise fully $4x^3 - 60x^2$

86.4



1) What is the 40th term of the following sequence

3, 8, 13, 18, ...

2) Round 12.961 correct to 1 decimal place

3) Work out $3510 \div 15$

4) Increase £320 by 35%

5) By rounding each number to one significant figure, estimate

$$\frac{81.6 \times 1.892}{16.5}$$