



86.1

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

2) Simplify  $18x^4 \div 3x$

3) Find the gradient and y-intercept of the line  $y - 2x = 3$

4) Solve  $\frac{2x+2}{3} = 4$

5) Factorise fully  $14x - 42x^2$

86.2



1) What is the 30<sup>th</sup> term of the following sequence

7, 10, 13, 16, ...

2) Round 210.067 correct to 1 decimal place

3) Work out  $4922 \div 23$

4) Decrease £230 by 15%

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

$$\frac{7.93 \times 6.4}{3.82}$$

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 40<sup>th</sup> 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

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

86.5



1) Work out  $5\frac{3}{8} + 3\frac{3}{4}$

2) Simplify  $4x^5 \div 8x^2$

3) Find the gradient and y-intercept of the line  $2y = 8x - 3$

4) Solve  $\frac{2x+6}{5} = 3$

5) Factorise fully  $6x + 15x^3$

86.6



1) What is the 100<sup>th</sup> term of the following sequence

8, 5, 2, -1, -4, ...

2) Round 123.4567 correct to 2 decimal places

3) Work out  $336 \div 24$

4) Increase £280 by 90%

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

$$\frac{6407}{5.93 \times 53.8}$$