FAA4_1

1) Work out $3.6 \times 10^3 - 2.8 \times 10^2$

2) Expand and simplify $(x + 3)(x - 5)$

3) Factorise $x^2 - 8x + 12$

4) An antique is sold for £360 making a profit of 20%. What was the original price of the antique?

5) Work out $\frac{7}{8} + \frac{5}{12}$ giving your answer as a mixed number

FAA4.2

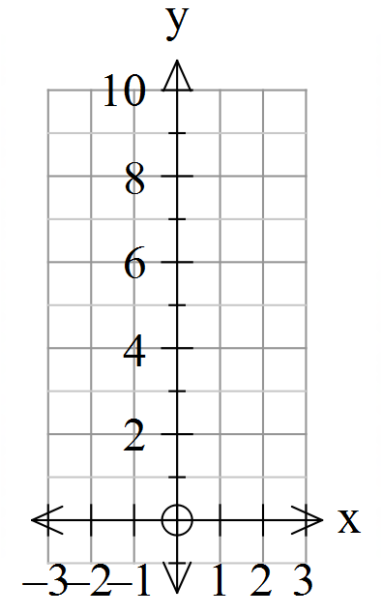
1) Express as an inequality, the error interval when t is given as 60 to one significant figure.

2) Solve $2x^2 + 3x = 0$

3) The price of an item increased from £24 to £30. Calculate the percentage change.

4) A car travels 48km in 1 hour 20 minutes.
Calculate the average speed.

5) Sketch the graph of $y = x^2 + 1$



FAA4.3

1) Work out $5.3 \times 10^3 + 6.8 \times 10^4$

2) Expand and simplify $(x + 7)(x + 3)$

3) Factorise $x^2 + 7x + 12$

4) A car is sold for £3600 making a loss of 10%. What was the original price of the car?

5) Work out $\frac{3}{4} \div \frac{2}{5}$ giving your answer as a mixed number

FAA4.4

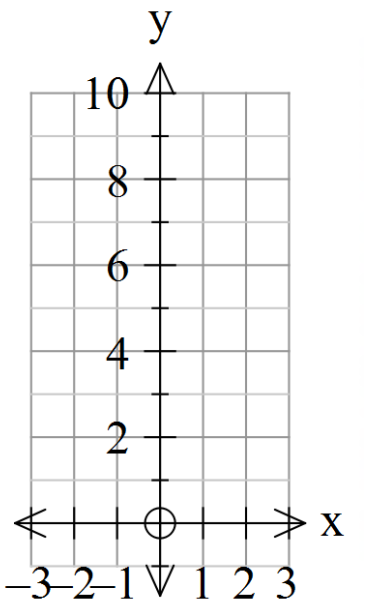
1) Express as an inequality, the error interval when p is given as 3.8 to one decimal place.

2) Solve $5x^2 - 10x = 0$

3) The price of an item decreased from £40 to £28. Calculate the percentage change.

4) A car travels at 60km/hr for 1 hour 50 minutes.
Calculate the distance travelled.

5) Sketch the graph of $y = x^2$



FAA4.5

1) Work out $4.8 \times 10^4 - 4.8 \times 10^2$

2) Expand and simplify $(x - 6)(x - 6)$

3) Factorise $x^2 + 2x - 8$

4) A necklace is sold for £400 making a profit of 25%. What was the original price of the car?

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

FAA4.6

1) Express as an inequality, the error interval when t is given as 8 to one significant figure.

2) Solve $x^2 + 4x = 0$

3) The price of an item increased from £80 to £92. Calculate the percentage increase.

4) A cyclist covers 14km in 40 minutes.
Calculate her average speed.

5) Sketch the graph of $y = \frac{1}{x}$