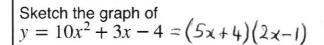
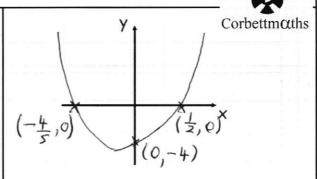
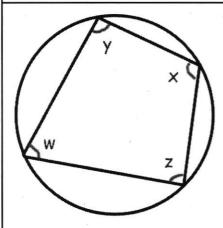
4th September



clearly show the coordinates of any points of intersection with the axes.





$$w: x = 2:3$$

$$x : y = 9 : 8$$

Work out the size of angle z.

$$\frac{\omega}{x} = \frac{2}{3} \Rightarrow 3\omega = 2x$$

$$\frac{x}{y} = \frac{9}{8} \Rightarrow 8x = 9y$$

$$0$$

How many solutions does sin x = p - 2 have between $0^{\circ} < x < 360^{\circ}$?

A pizza parlour sells 10 different toppings. Beth orders a pizza with 3 different toppings.

How many different pizzas can she choose from?

$$\frac{10 \times 9 \times 8}{3 \times 2 \times 1} = 120 \left[{}^{10}C_{3} \right]$$