

## WJEC June 2017 Q5

Find the coordinates of the points of intersection of the curve  $y = 4x^2 + 8x - 3$  and the straight line  $y = 3x - 1$ .

Use an algebraic method and give your answers correct to 2 decimal places.

[6]

## WJEC June 2016 Q14

Find, using an algebraic method, the coordinates of the points of intersection of the curve  $y = x^2 - 6x + 14$  and the straight line  $x + y = 10$ .

You must show all your working.

[4]

## WJEC June 2015 Q6

Find the coordinates of the points of intersection of the curve  $y = x^2 + 6x - 5$  and the straight line  $y = 2x + 1$ .

Use an algebraic method and give your answers correct to 2 decimal places.

[6]

## WJEC June 2014 Q14

Find the coordinates of the points of intersection of the curve  $y = x^2 - 7x + 12$  and the straight line  $x + y = 4$ .

[4]

## WJEC June 2013 Q6

Find the coordinates of the points of intersection of the curve with equation  $y = x^2 + 2x - 3$  and the straight line with equation  $y = x + 1$ .

Give your answers correct to 2 decimal places.

[6]