

14th May

Corbettmaths

The longest side of a right angle triangle is $\sqrt{46}$ cm

One of the shorter sides has a length of $\sqrt{7}$ cm

What is the perimeter of the triangle?

Solve the simultaneous equations

$$x + 2y - 3z = -11$$

$$2x - y + 3z = 18$$

$$3x + y + z = 10$$

Work out the equation of the normal to the curve $y = x^2 - 12$ at the point A(4, 4)

The normal also intersects the curve at the point B.

Work out the coordinates of B.