

AQA – Coordinate geometry – A2 Mathematics P1

1. [June/2021/Paper_7357/1/No.5](#)

The line L has equation

$$3y - 4x = 21$$

The point P has coordinates $(15, 2)$

(a) Find the equation of the line perpendicular to L which passes through P .

[2 marks]

(b) Hence, find the shortest distance from P to L .

[4 marks]