

29th November

Corbettmaths

$$f(x) = 5 - 2x \quad \text{for} \quad -1 \leq x \leq 6$$

Work out the range of $f(x)$

The line L has equation

$$3x - 2y + 24 = 0$$

The line L intersects the x-axis at the point A.

The line L intersects the y-axis at the point B.

Find the distance between the points A and B.

Solve the simultaneous equations

$$100x + 200y - 100z = 150$$

$$150x + 100y - 50z = 115$$

$$50x + 400y + 200z = 360$$