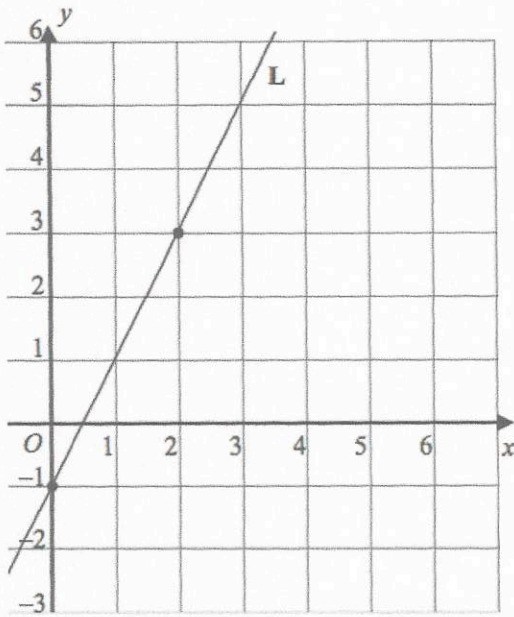


11th February



Corbettmaths

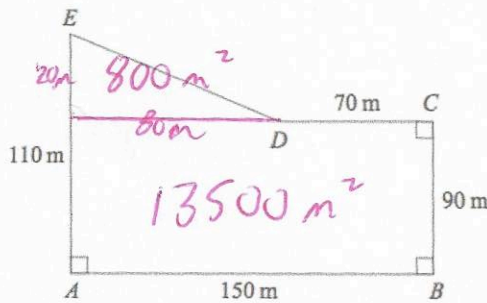


What is the gradient of the line L?

2

What is the equation of the line L?

$$y = 2x - 1$$



James is a pig farmer.
Each pig needs 20m²

How many pigs can he keep in his field?

$$14300 \div 20 = 715$$

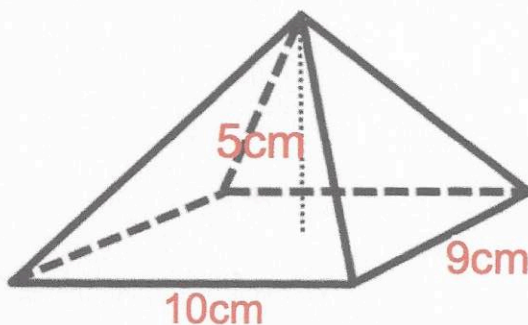
Speed (v km/h)	Frequency
30 < v ≤ 40	35
40 < v ≤ 50	45
50 < v ≤ 60	55
60 < v ≤ 70	65
70 < v ≤ 80	75

$f \times x$
 700
 3420
 3740
 1820
 600

 200 10280

Calculate an estimate of the mean.

$$10280 \div 200 = 51.4$$



Calculate the volume of the pyramid.

$$\frac{1}{3} (9 \times 10) \times 5$$

$$= 150 \text{ cm}^3$$