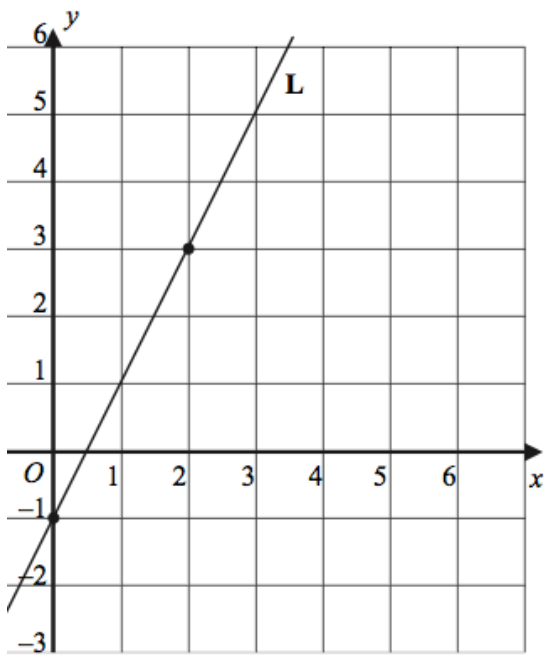


Name: _____

January 23

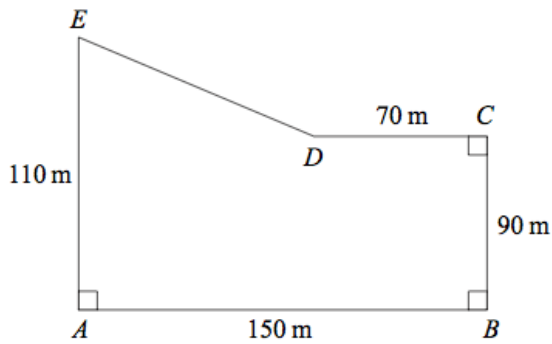
5-a-day

Higher



What is the gradient of the line L?

What is the equation of the line L?

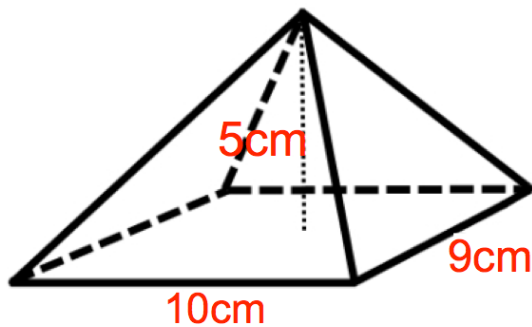


James is a pig farmer.
Each pig needs 20m^2

How many pigs can he keep in his field?

Speed (v km/h)	Frequency
$30 < v \leq 40$	20
$40 < v \leq 50$	76
$50 < v \leq 60$	68
$60 < v \leq 70$	28
$70 < v \leq 80$	8

Calculate an estimate of the mean.



Calculate the volume of the pyramid.