

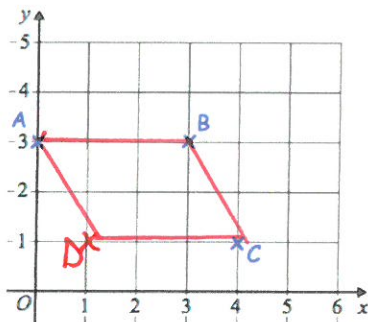
8th January



Corbettmaths

Write 0.4 as a fraction

$$0.4 = \frac{4}{10} = \frac{2}{5}$$



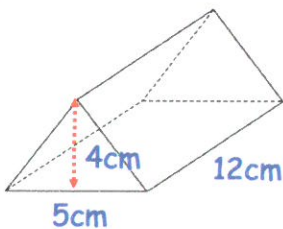
ABCD is a parallelogram.
Complete the parallelogram and write down the coordinates of D.

(.....,)

Increase 40 miles by 43%

$$\frac{43}{100} \times 40 = 17.2 \text{ miles}$$

$$40 + 17.2 = 57.2 \text{ miles}$$



Find the volume of the prism.

$$V = \text{area of end} \times \text{length}$$

$$V = \left(\frac{1}{2} \times 5 \times 4\right) \times 12$$

$$V = 10 \times 12$$

$$V = 120 \text{ cm}^3$$

The probability of winning a game is 0.3.

Jayne plays the game 200 times.

How many times should she lose the game?

$$1 - 0.3 = 0.7$$

$$0.7 \times 200 = 140 \text{ times}$$