

13th August



Corbettmaths

This sequence increases by the same amount each time. Find the two missing numbers.

12 21 30 39

200 tickets are sold in a raffle

There is one prize.

Dave buys one ticket. What is the probability that he wins the prize?

$$\frac{1}{200}$$

Joanne buys five tickets.

What is the probability that she wins the prize?

Give your answer as a fraction in its simplest form.

$$\frac{5}{200} = \frac{1}{40}$$

James drives 164km.

It takes 2 hours 30 minutes.

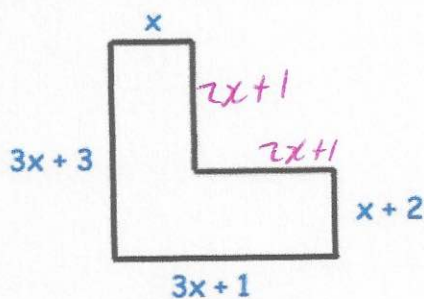
Work out his speed.

$$\begin{aligned} s &= \frac{d}{t} \\ &= \frac{164}{2.5} \\ &= 65.6 \text{ mph} \end{aligned}$$

Write down the nth term for this sequence

10 7 4 1

$$-3n + 13$$



Write an expression for the perimeter

$$12x + 8$$