27th January

Corbettmaths

Find the nth term

$\frac{3}{7}, \frac{6}{12}, \frac{9}{17}, \frac{12}{22}, \ldots \ldots$

$\frac{3n}{5n+2}$

Find the 50th term

$\frac{150}{252} = \frac{25}{42}$

Expand and simplify

$(y + 2)(y + 5)$

$y^2 + 7y + 10$

Expand and simplify

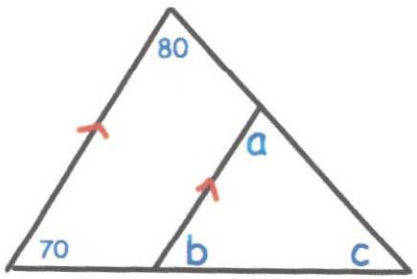
$(y - 5)^2$ $(y-5)(y-5)$

$y^2 - 10y + 25$

The speed limit on a road is 50 mph.
A car drives 20 miles in 25 minutes.
Is the car breaking the speed limit?

20 miles in 25 mins
0.8 miles in 1 minute
48 miles in 60 mins 48mph

No



Find the size of a, b and c

$a = 80°$

$b = 70°$

$C = 30°$

Work out five million multiplied by three hundred thousand.

Give your answer in standard form.

$5,000,000 \times 300,000$

$= 1,500,000,000,000$

1.5×10^{12}