

9th September



Corbettmaths

Simplify

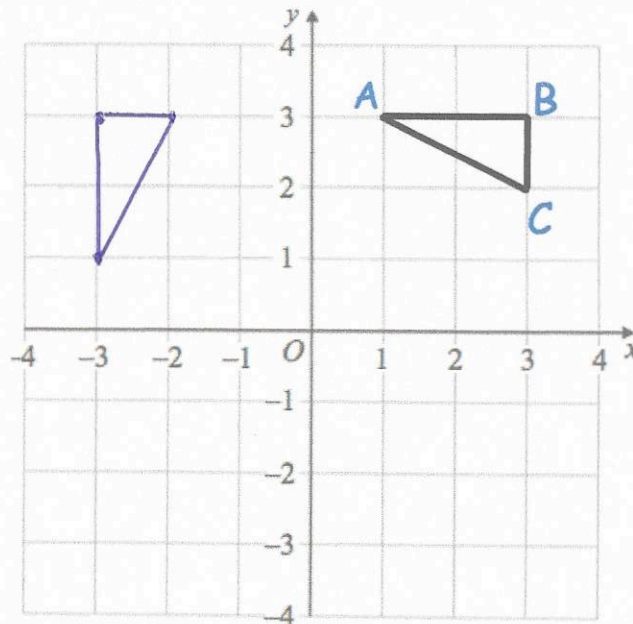
$4a + a$

$5a$

Simplify

$5a + 2c + 4a - c$

$9a + c$



Rotate triangle ABC 90° anticlockwise about centre (0, 0)

The price of a TV is £260
In a sale the price is decreased by 20%

Work out the price of the TV in the sale.

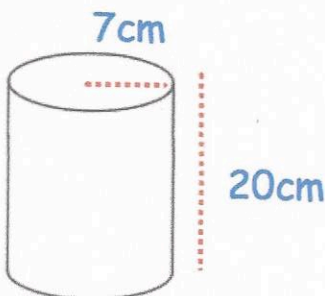
$10\% = £26$
 $20\% = £52$

$$\begin{array}{r} 260 \\ - 52 \\ \hline £208 \end{array}$$

The number of TVs sold increased from 70 to 98

Work out the percentage increase.

$\frac{28}{70} \times 100 = 40\%$



$\pi r^2 h$

Find the volume of the cylinder.

$\pi \times 7^2 \times 20$
 3078.76 cm^3