

31st March



Corbettmaths

Solve $3x = 24$

$$\begin{array}{r} \div 3 \quad \div 3 \\ 3x = 24 \\ \hline x = 8 \end{array}$$

$$x = 8$$

Expand $5(x + 4)$

$$5x + 20$$

Decrease 5400 by 12%

$$10\% = 540$$

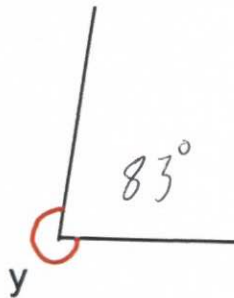
$$1\% = 54$$

$$1\% = 54$$

$$\underline{648}$$

$$\begin{array}{r} 4 \times 12\% \\ 5400 \\ - 648 \\ \hline 4752 \end{array}$$

$$4752$$



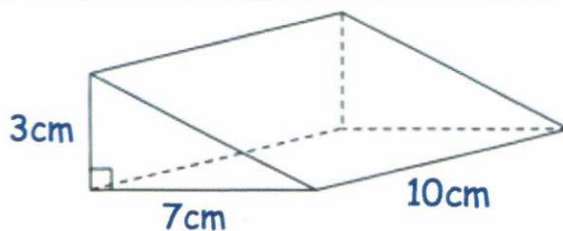
The angle y is drawn accurately.
Find the size of the reflex angle y .

$$360 - 83 = 277^\circ$$

w	w	w	w	20	$w = 5$
w ⁵	w	x	x	24	$x = 7$
w	x	x	y	25	$y = 6$
w	x	y	z ¹²	30	$z = 12$

In the grid, each row adds up to the number to the right.

Find the values of w , x , y and z .



Find the volume of the triangular prism.

$$\frac{1}{2} (7 \times 3) = 10.5$$

$$10.5 \times 10 = 105 \text{ cm}^3$$