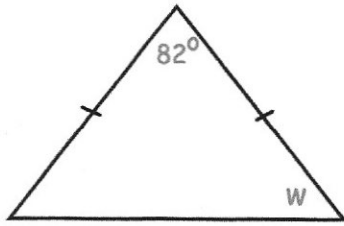




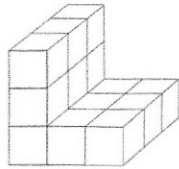
Shown below is an isosceles triangle.



Work out the size of the angle marked w.

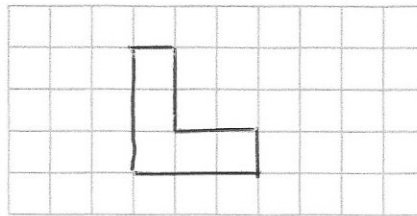
$$180 - 82 = 98$$

$$98 \div 2 = 49^\circ$$



Front

Draw the front elevation



Gregory received £2400.

He gave  $\frac{1}{3}$  of it to his favourite charity £800

and spent  $\frac{1}{5}$  of it on a new violin. £480

What fraction of his money is left?

$$\frac{1120}{2400} = \frac{112}{240} = \frac{7}{15}$$

$$\text{or } \left( \frac{1}{3} + \frac{1}{5} = \frac{8}{15} \right)$$

$$1 - \frac{8}{15} = \frac{7}{15}$$

A bottle of water was  $\frac{4}{5}$  full.  $\frac{12}{15}$

Beth drinks  $\frac{1}{3}$  of its contents.

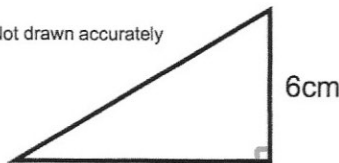
$$\frac{12}{15} - \frac{4}{15} = \frac{8}{15}$$

What is the fraction of the bottle is now full?

$$\text{or } \left( \frac{4}{5} \times \frac{2}{3} = \frac{8}{15} \right)$$

$$\frac{8}{15}$$

Not drawn accurately



$$y \quad 21 \times 2 = 42$$

$$42 \div 6 = 7$$

The area of the triangle is  $21 \text{ cm}^2$   
Calculate y, the length of the base.

$$7 \text{ cm}$$