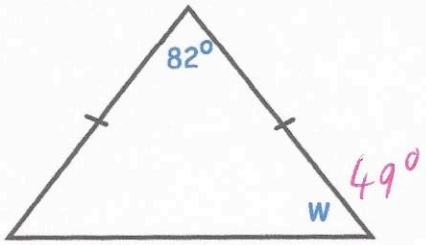
Name: _____ 5-a-day Foundation

4th February

Corbettmaths

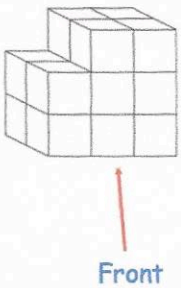
Shown below is an isosceles triangle.



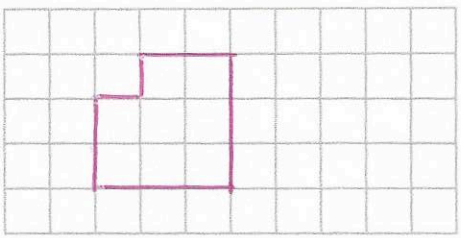
Work out the size of the angle marked w.

180 - 82 = 98

98 ÷ 2 = 49°



Draw the front elevation



Gregory received £2400. He gave ⅓ of it to his favourite charity and spent ⅕ of it on a new violin. What fraction of his money is left?

$\frac{1120}{2400} = \frac{112}{240} = \frac{56}{120} = \frac{28}{60} = \frac{14}{30} = \frac{7}{15}$

2400 ÷ 3 = 800

2400 ÷ 5 = 480

+ 1280 (given away)

2400 - 1280 = 1120

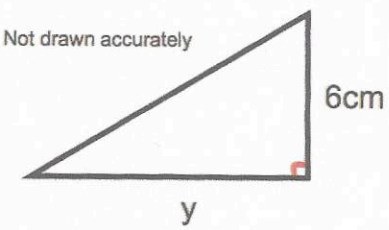
$\frac{7}{15}$

A bottle of water was ⅘ full.
Beth drinks ⅓ of its contents.

What is the fraction of the bottle is now full?

⅔ of contents left.

$\frac{4}{5} \times \frac{2}{3} = \frac{8}{15}$



7cm

The area of the triangle is 21cm²
Calculate y, the length of the base.

21 x 2 = 42

42 ÷ 6 = 7cm