

10th February



Corbettmaths

Which is larger?

$\frac{1}{2}$ of 280 or $\frac{3}{8}$ of 400

140

150

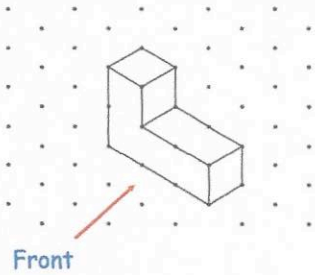
Show your working.

$\frac{3}{8}$ of 400

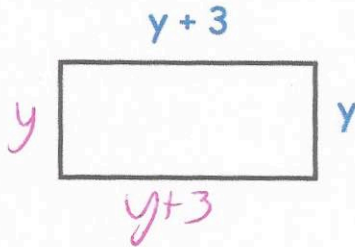
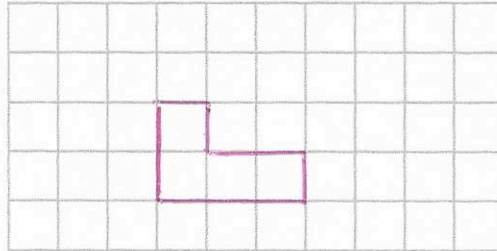
$$280 \div 2 = 140$$

$$400 \div 8 = 50$$

$$50 \times 3 = 150$$



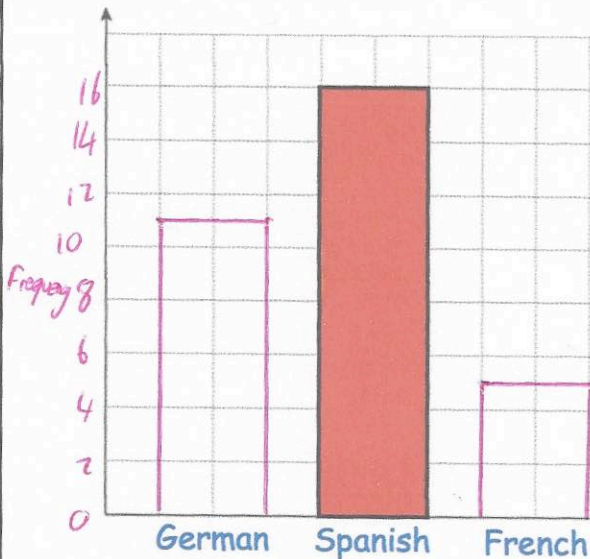
Draw the front elevation



The diagram shows a rectangle. All measurements are in centimetres.

Write an expression, in terms of y , for the perimeter of the rectangle.

$$4y + 6$$



Miss Jackson asked the 32 students in her tutor group which language they study.

Each student studies one language only. Half of the students in the tutor group study Spanish.

Six more students study German than French.

x

$x+6$

Complete the bar chart.

$$32 - 16 = 16$$

$$2x + 6 = 16$$

$$-6 \quad -6$$

$$2x = 10$$

$$\div 2 \quad \div 2$$

$$x = 5$$

French - 5

German - 11