

m2 = 32 days to go!

Four fifths of 2900 bus journeys left on time.

$$\frac{4}{5} \text{ of } 2900$$

How many journeys left on time?

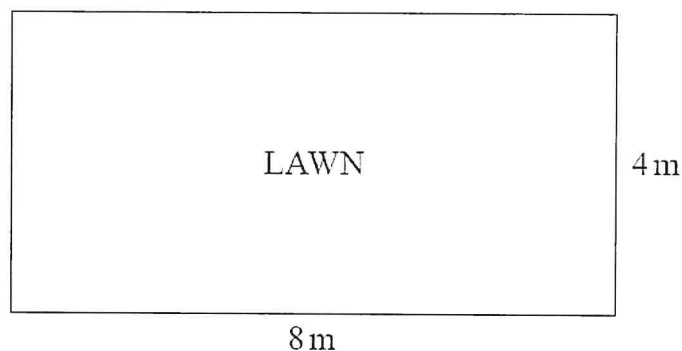
$$\frac{1}{5} \text{ is } 2900 \div 5 = 580$$

$$\frac{4}{5} \text{ is } 580 \times 4$$

Answer 2320 journeys [2]

Jim, who runs a gardening business, cuts the grass on lawns.

The measurements of one lawn are shown in the diagram below.



Jim charges £2 per square metre for cutting grass.

How much does he charge to cut the grass on the lawn?

$$\begin{aligned} \text{Area} &= 8 \times 4 \\ &= 32 \text{ m}^2 \end{aligned}$$

$$\text{Each } 1 \text{ m}^2 \text{ costs } \pounds 2$$

$$32 \text{ m}^2 \text{ costs } \pounds 64$$

14 The price of a sofa was £880

It is reduced by 35%.

Joanna says "The sofa now costs only £570"

Is she correct? Explain your answer.

£880 What is 35% of 880

1% is 8.8

35% is 8.8×35

$= 308$

Reduces by 308

$880 - 308$

$= £572$

Joanna is almost correct.

18 In Year 11 there are 200 students.

Students can choose to study French, German, both languages or no language.

95 students study French.

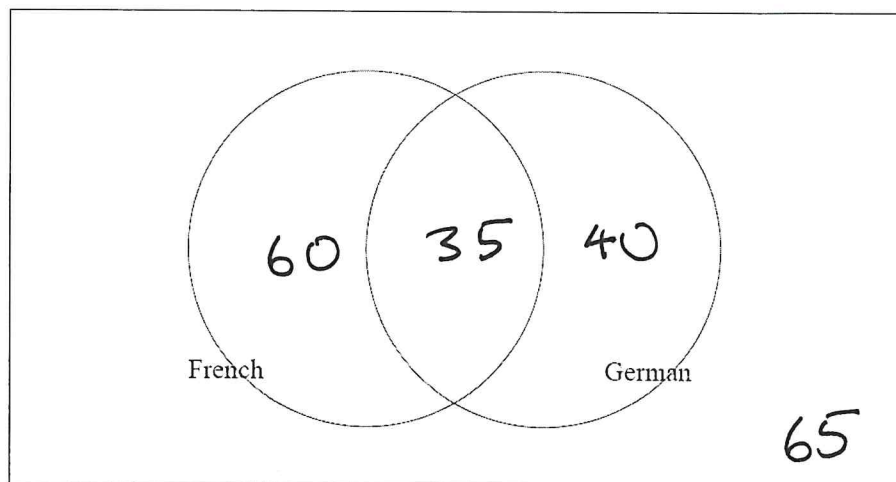
75 students study German.

35 students study both languages.

By completing the Venn diagram below, calculate how many students in Year 11 study no languages.

95 inside
the French
circle

75 in the
German
bubble.



$60 + 35 + 40 = 135$

Ans 65 study no languages.