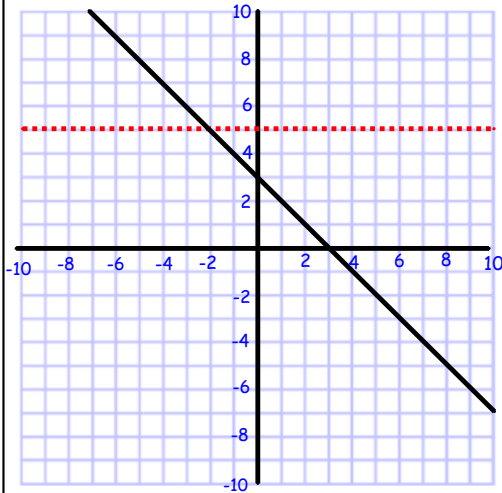


16th January



Corbettmaths



Draw the graph $x + y = 3$

x	0	1	2	3
y	3	2	1	0

Draw the graph $y = 5$

A coach seats 52 people.

250 people want to go on holiday.

$$250 \div 52 = 4.8\dots$$

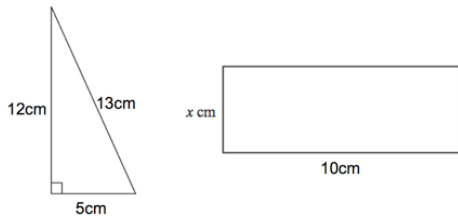
How many coaches are needed?

5 coaches

How many empty seats will there be?

$$5 \times 52 = 260$$

10 empty seats

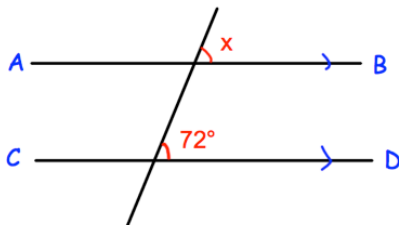


The area of the triangle and the rectangle are equal.

Find x. Triangle: 30cm^2

$$30 \div 10 = 3$$

$$x = 3\text{cm}$$



Work out the size of the angle marked x.

72°

Give a reason for your answer.

Corresponding angles