

1st October

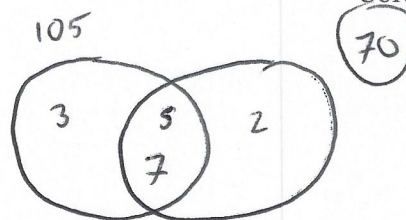


Corbettmaths

The HCF of two numbers is 35.  
The LCM of the two numbers is 210.  
One of the numbers is 105.

Find the other number

70



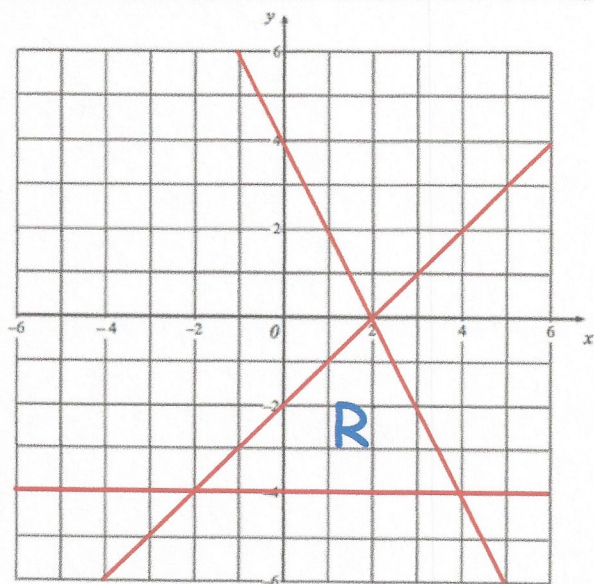
Give a reason why 0 is an even number.

$$\text{even} + \text{even} = \text{even}$$

$$8 + 0 = 8$$

$$2 \times \text{integer} = \text{even}$$

$$2 \times 0 = 0$$



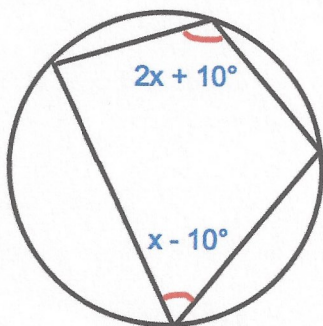
The region labelled R satisfies three inequalities.

State the three inequalities

$$y \geq -4$$

$$y \leq x - 2$$

$$y \leq -2x + 4$$



Find x

$$3x = 180$$

$$x = 60^\circ$$