



Simplify $(\sqrt{5})^2$

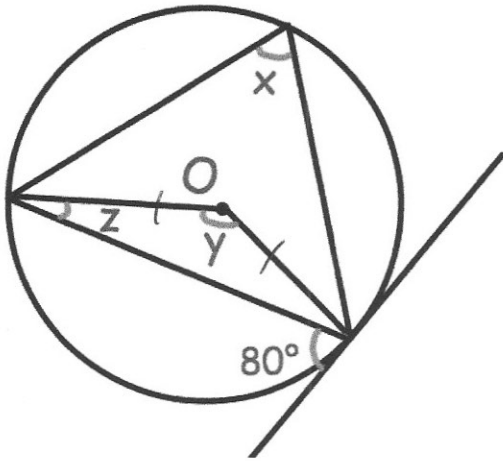
$$\sqrt{5} \times \sqrt{5} = \sqrt{25}$$

$$5$$

Simplify

$$\sqrt{10} \times \sqrt{7} \times \sqrt{3}$$

$$\sqrt{210}$$



Find x

$$80^\circ$$

Find y

$$160^\circ$$

Find z

$$10^\circ$$

Mr Jones is an estate agent on the Isle of Man.

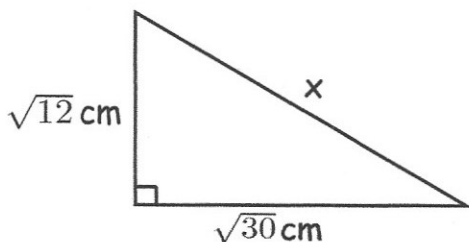
Median	£375,000
Range	£235,000
Interquartile Range	£590,000

He has created this table to show information about the prices of houses he has sold.

Explain how you know he has made a mistake.

the range cannot be smaller than the IQR

Find x



$$x^2 = (\sqrt{12})^2 + (\sqrt{30})^2$$

$$x^2 = 12 + 30 = 42$$

$$x = \sqrt{42}$$

$$= 6.48 \text{ cm}$$