

19th August

Foundation 5-a-day



Carol claims "when you square a number, the answer is always bigger than the number you started with."

Is she correct? Explain your answer.

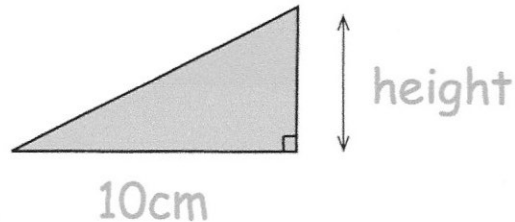
No

$$1^2 = 1$$
$$0^2 = 0$$
$$0.5^2 = 0.25$$

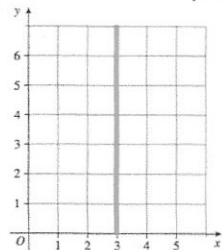
The area of a triangle is 30cm^2

Find the height of the triangle

$$\frac{1}{2} (10 \times h) = 30$$
$$h = 6\text{cm}$$

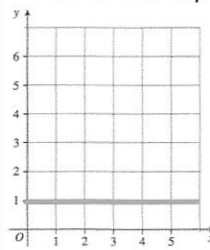


What is the equation of this line?



$$x = 3$$

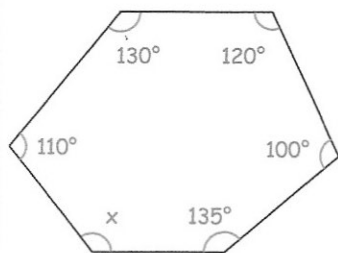
What is the equation of this line?



$$y = 1$$

Work out an estimate to

$$\frac{49.1 \times 8.08}{3.98} \approx \frac{50 \times 8}{4}$$
$$\frac{400}{4} = 100$$



Find x

$$720 - 595 = 125^\circ$$