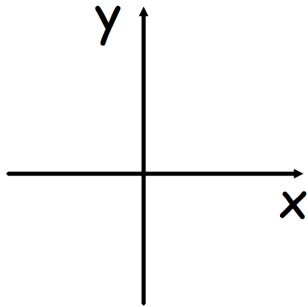




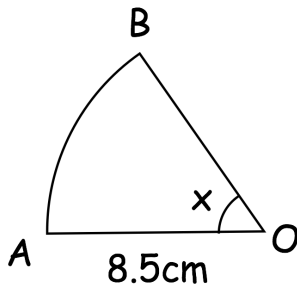
Nicola says all square numbers have an odd number of factors.
Explain why Nicola is correct.



Sketch $y = \frac{1}{x}$ where $x \neq 0$

Aminah has 72 DVDs.
This number of DVDs is 80% more than the number she had last month.

How many DVDs did Aminah have last month?



The area of sector OAB is 30cm^2
Find x .

Declan ran a distance of 200m in a time of 26.2 seconds.

The distance of 200m was measured to the nearest 10 metres.
The time of 26.2 was measured to the nearest tenth of a second.

Work out the lower bound for Declan's average speed.