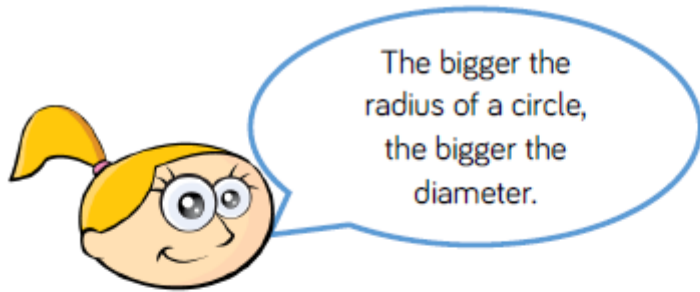


Stephanie says:

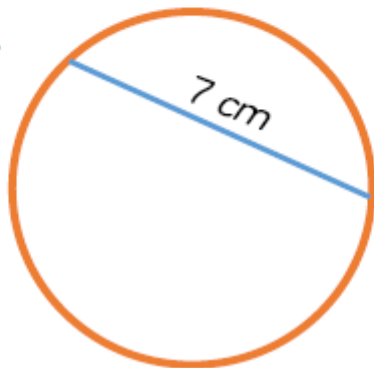


Do you agree? Explain your reasoning.

Spot the mistake!

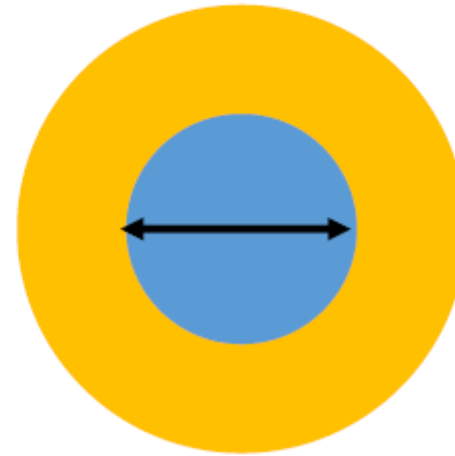
Ross has measured and labelled the diameter of the circle below.

He thinks that the radius of this circle will be 3.5 cm.



Is Ross right? Explain why.

Here are 2 circles. Circle A is orange; Circle B is blue. The diameter of Circle A is  $\frac{3}{4}$  the diameter of Circle B.



If the diameter of Circle A is 6cm, what is the diameter of Circle B?

If the diameter of Circle A is 6cm, what is the radius of Circle B?

If the diameter of Circle B is 16cm, what is the diameter of Circle A?

If the diameter of Circle B is 16cm, what is the radius of Circle A?