

Christmas Treeing 3

A

The volume of a cylinder is given by $V = \pi r^2 h$. Find the volume if the radius is 4 cm and the height and is 10cm.

B

The volume of cylinder A is given by $V = \pi r^2 h$. If the radius of cylinder B is doubled, How many times larger is cylinder B than cylinder A?

C

The volume of cylinder A is given by $V = \pi r^2 h$. If the radius of cylinder B is doubled, what is the ratio between cylinder A to cylinder B?