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NC STATE Animated Contrasting Cases in Geometry

V.3: Scale Cylinder Height

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V.3: Scale Cylinder Height

1) What are the similarities and differences between Damien and Sydney's methods?

Similarities	Differences

2) If a cylinder has a height of 9 in. and a volume of 18 in.³, what would the new volume be if the height were scaled to 3 in.?

3) Explain what would happen to the volume of a cylinder if we scaled the height by any number, x.

4) Explain what would happen to the volume of a cone if we scaled the height by any number, x.



