
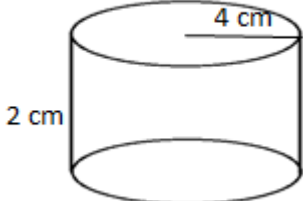
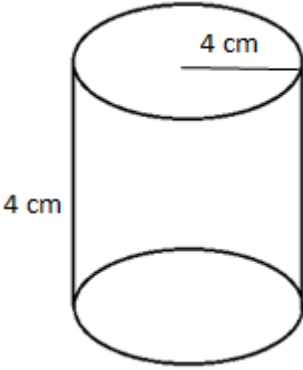
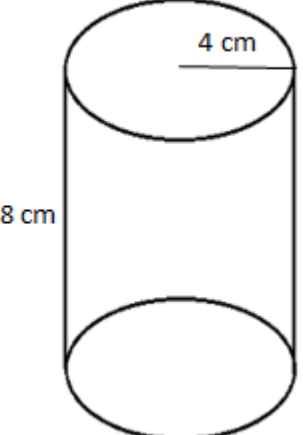


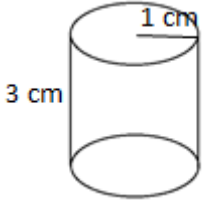
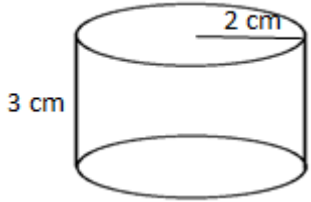
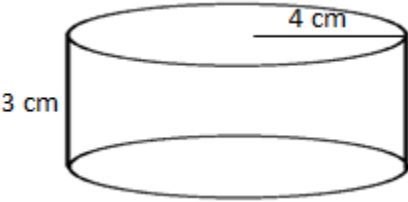

# Volume of Cylinders Investigation

## Problem Set A

| Cylinder  | Identify Measurements  | Find the Volume |
|---|------------------------|-----------------|
|    | Radius:<br><br>Height: |                 |
|    | Radius:<br><br>Height: |                 |
|   | Radius:<br><br>Height: |                 |
|  | Radius:<br><br>Height: |                 |

Using the patterns you found above, if the height of a cylinder doubles, what should happen to the volume?

## Problem Set B

| Cylinder  | Identify Measurements  | Find the Volume |
|---|------------------------|-----------------|
|    | Radius:<br><br>Height: |                 |
|    | Radius:<br><br>Height: |                 |
|  | Radius:<br><br>Height: |                 |
|  | Radius:<br><br>Height: |                 |

Using the patterns you found above, if the radius of a cylinder doubles, what should happen to the volume?