

Name \_\_\_\_\_

Date \_\_\_\_\_

Mrs. Roubos

8A Period \_\_\_\_\_

Do Now

The formula for the volume of a cone is  $V = \frac{1}{3}\pi r^2 h$ . The radius,  $r$ , of the cone may be expressed as

(1)  $\sqrt{\frac{3V}{\pi h}}$

(3)  $3\sqrt{\frac{V}{\pi h}}$

(2)  $\sqrt{\frac{V}{3\pi h}}$

(4)  $\frac{1}{3}\sqrt{\frac{V}{\pi h}}$