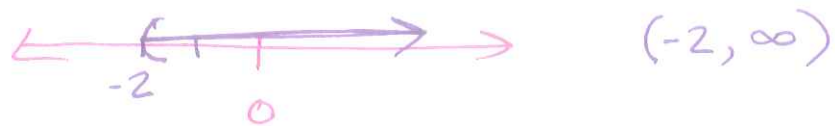


## Warm-ups

- ①  $\{y \mid -2 < y\}$  write as an interval  
and number line  
 $\{y \mid y > -2\}$



Find the volume.

②



In terms  
of  $\pi$

$$V = \frac{4}{3} \pi r^3$$

$$= \frac{4}{3} \pi (30)^3$$

$$= \frac{4}{3} \cdot 30^3 \cdot \pi$$

$$= \frac{4}{3} \cdot \overset{9000}{27000} \cdot \pi$$

$$= 36,000 \pi \text{ cm}^3 \approx 113,097.34 \text{ cm}^3$$

③

write all the  
number sets for  $-4$

integers  
rational  
real