



Use the Pi equations below to solve each problem.

- $V = \pi r^2 h$ (Volume of a Cylinder = $(\pi \times \text{radius}^2 \times \text{height})$)
- $C = 2\pi r$ (Circumference of a circle = $2\pi \times \text{radius}$)
- $A = \pi r^2$ (Area of a circle = $\pi \times \text{radius}^2$)

1. Mary orders a pizza with a diameter of 14 inches. What is the pizza's circumference?

2. What is the area of Mary's pizza?

3. Mary drinks milk from a glass with a radius of 3 inches and a height of 7 inches. What is the volume of the glass?