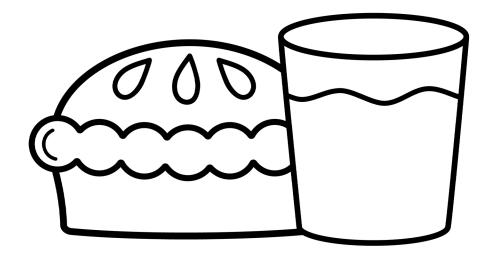


## Pi Day Problem

Name:

Date:



## Use the Pi equations below to solve each problem.

- $\cdot$  V =  $\pi$ r<sup>2</sup>h (Volume of a Cylinder= ( $\pi$  x radius<sup>2</sup> x height)
- $\cdot$  C =  $2\pi$ r (Circumference of a circle =  $2\pi$  x radius)
- $\cdot$  A =  $\pi r^2$  (Area of a circle =  $\pi$  x radius<sup>2</sup>)
- I. Mary orders a pizza with a diameter of
  It 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?