

Name \_\_\_\_\_ **Pi Day**



# Pi Day

Use the Pi equations below to solve the problems.

- $C = 2\pi r$  (Circumference of a circle =  $2\pi$  x radius)
- $A = \pi r^2$  (Area of a circle =  $\pi$  x radius<sup>2</sup>)
- $V = \pi r^2 h$  (Volume of a Cylinder = ( $\pi$  x radius<sup>2</sup> x height)?)

1. John orders a pizza that is 12" in diameter. What is the circumference of John's pizza?

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

3. John drinks a glass of water while he eats. The radius of his glass is 2" and the glass is 6" high. What is the volume of the glass from which John is drinking?/

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