

## Volumes of Prisms and Cylinders Exit Quiz

**Part A Instructions:** Choose the option that completes the sentence or answers the question.

- 1. The base of a prism can be a:**
  - a. rectangle
  - b. circle
  - c. triangle
  - d. Both a and c
- 2. Which of these is not a valid prism?**
  - a. Triangular prism
  - b. Rectangular prism
  - c. Pentagonal prism
  - d. None of these
- 3. The volume of a prism is given by:**
  - a.  $Area \times height$
  - b.  $Perimeter \times height$
  - c.  $Base\ area + height$
  - d. None
- 4. The volume of a cylinder is given by:**
  - a.  $V = 2\pi r$
  - b.  $V = \pi r^2 h$
  - c.  $V = \pi r^2$
  - d. None of these

**Part B Instructions:** Answer the question below.

- 5. Find the volume of the cylinder given below.**

