8D: Visual Vocabulary Practice

For use after Lesson 8-8

Study Skill When interpreting an illustration, look for the most specific concept represented.

Concept List

- circumference
- Pythagorean Theorem
- vertices
- base
- perfect square
- prism
- cone
- edges
- pyramid

Write the concept that best describes each exercise. Choose from the concept list above.

1. \[ AB^2 = 6^2 + 8^2 \]
\[ AB^2 = 36 + 64 = 100 \]
\[ AB = \sqrt{100} = 10 \]

2. 

3. Circle \( P \) is one for this cylinder.

4. \( AB \) and \( CJ \) are examples.

5. 

6. There are four of these in this three-dimensional figure.

7. 

8. 576, since \( 24^2 = 576 \).

9. \( C \approx 25.1 \text{ cm} \)