

# Answers

## Compare Three-Dimensional Shapes

### Think and Grow

**Example** 4, 4, 6, 1 triangle, 3 triangles, no, triangular pyramid

### Show and Grow

1. 2, 0, 0, 2 circles, 0, yes, cylinder; *Sample answer:* 6, 8, 12, 2 rectangles, 4 rectangles, no, rectangular prism

### Practice

2. 1, 1, 0, 1 circle, 0, yes, cone; *Sample answer:* 5, 5, 8, 1 rectangle, 4 triangles, no, rectangular pyramid
3. *Sample answer:* The figures both have a rectangular base. One is a rectangular prism and one is a rectangular pyramid.
4. *Sample answer:* The figures both have a circular base and a curved surface. One is a cone and one is a cylinder.
5. *Sample answer:* The rectangular pyramid has more faces, vertices, and edges than the triangular pyramid because the shape of its base is a rectangle, which has more sides and vertices than a triangle.
6. *Sample answer:* The pizza boxes are both prisms. One is a triangular prism and one is a rectangular prism.