Answers

11.4 Practice A

1. yes; rectangular prism   **2.** yes; triangular pyramid

3. no   **4.** circle

5. triangle   **6.** rectangle

7.
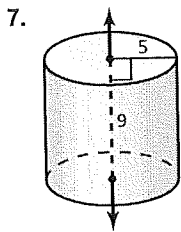
cylinder with height 9 and base radius 5
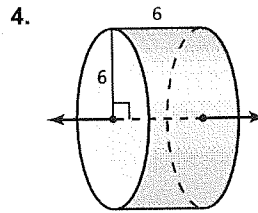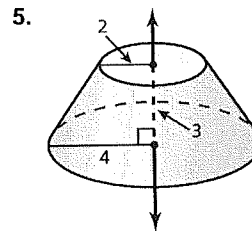
8.
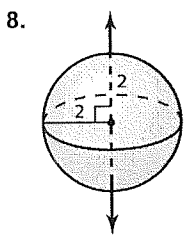
sphere with radius 2

9.
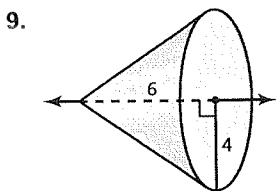
cone with height 6 and base radius 4

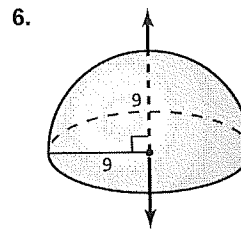## 11.4 Practice B

1. triangle   **2.** trapezoid   **3.** semicircle

4.

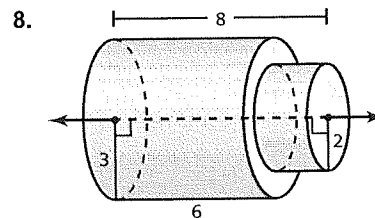cylinder with height 6 and base radius 6

5.

Sample answer: part of a cone with height 3 and two different circular bases with radii 2 and 4

6.

hemisphere with radius 9

7. none of the parts are polyhedrons; *Sample answer:* Two parts contain some faces that are polygons, but all three parts also contain faces that are not polygons.

8.

Sample answer: two adjacent cylinders that share the same axis of symmetry