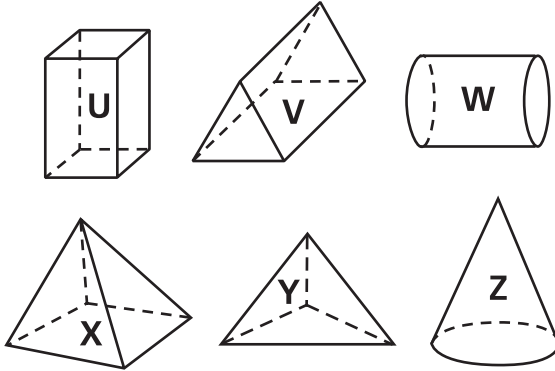


**Write the correct answer.**

**For 1–5, use the figures below.**



**1** Which figures are NOT polyhedra?

W, Z

**2** Which figure has 4 triangular faces and 1 square face?

X

**3** Which figures have the same number of vertices and faces?

X, Y

**4** In which figures are there edges that are perpendicular to other edges?

U, V, X

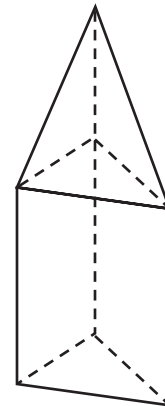
**5** How many figures are prisms?

2

**For 6–8, name the shapes that were used to make the figure.**

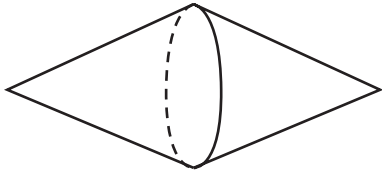
**Choose from these shapes:**  
**prism pyramid cone cylinder**

**6**



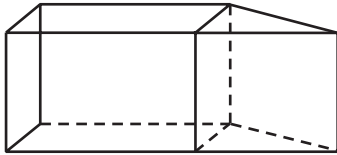
pyramid and prism

7



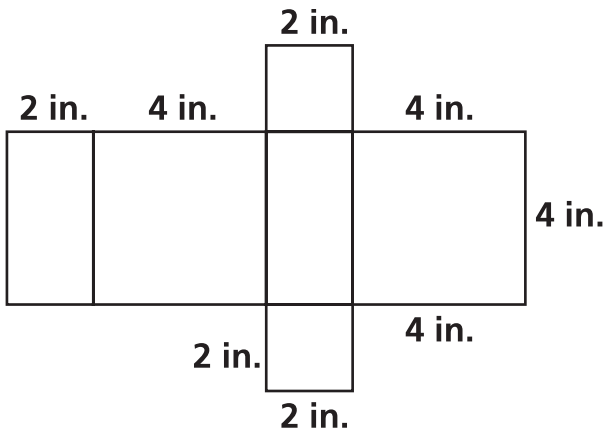
**2 cones**

8



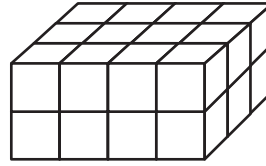
**2 prisms**

9 What is the total area of the faces of the net?



**56 square inches**

10 What is the volume of the prism?



**24** cubes

11 Audra has 36 small cubes. She wants to build a large cube using as many of the small cubes as possible. If she builds the largest possible cube, how many small cubes will she have left over?

**9**

12 A box has a volume of 30 cubic feet. What are four sets of measurements that could be its dimensions?

**1 foot × 3 feet × 10 feet,**

**1 foot × 2 feet × 15 feet,**

**1 foot × 5 feet × 6 feet,**

**2 feet × 3 feet × 5 feet.**

**Many answers are possible.  
Four possible answers are given.**