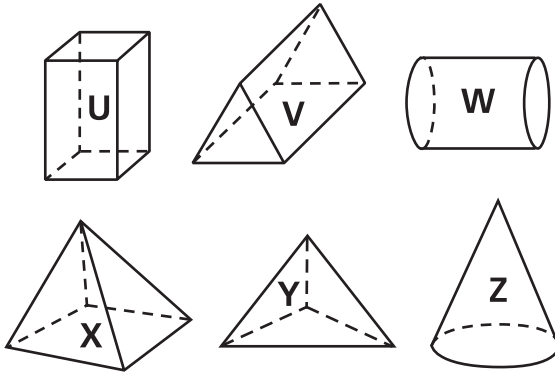


Write the correct answer.

For 1–5, use the figures below.



1 Which figures are NOT polyhedra?

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

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

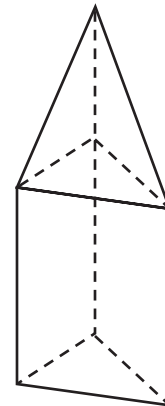
4 In which figures are there edges that are perpendicular to other edges?

5 How many figures are prisms?

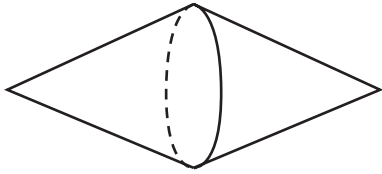
For 6–8, name the shapes that were used to make the figure.

Choose from these shapes: prism pyramid cone cylinder

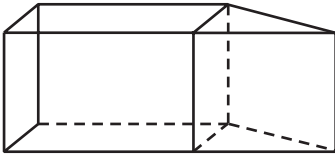
6



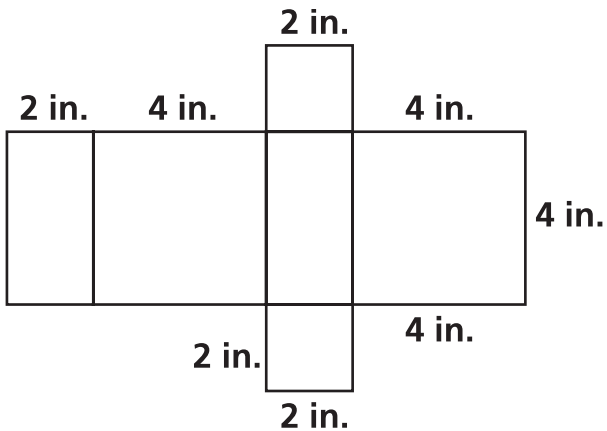
7



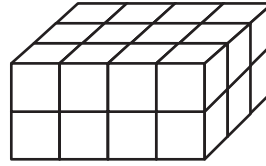
8



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



10 What is the volume of the prism?



_____ 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?

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

