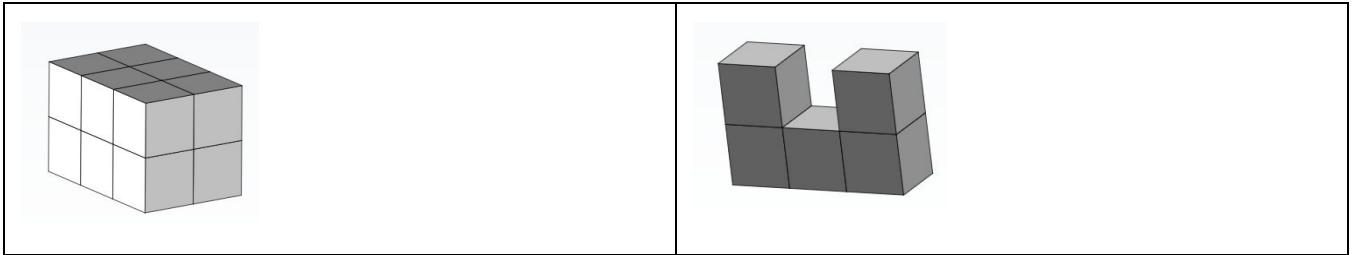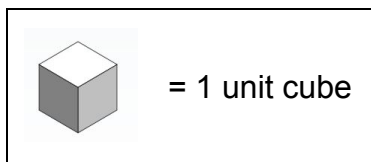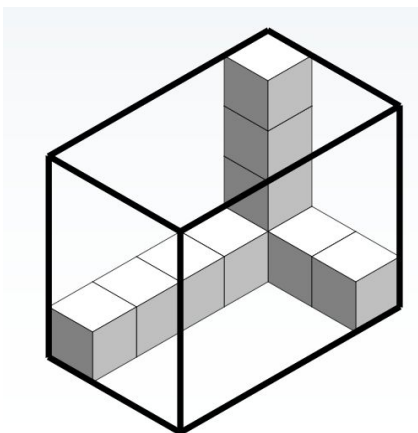Gr5 Mod5 Topic A Quiz

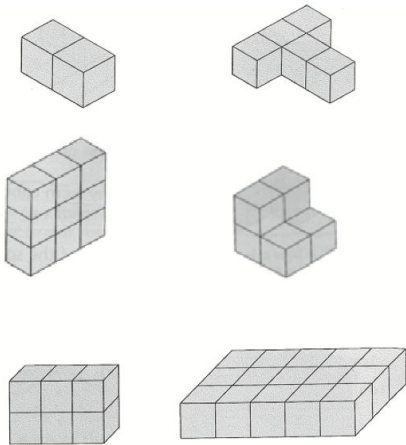What is the volume of the figures pictured below?

Draw a picture of a figure with a volume of 3 cubic units on the dot paper.

A rectangular prism is partially completed. The figure belows shows the outline of the rectangular prism. What will be the volume of the completed prism in cubic units?
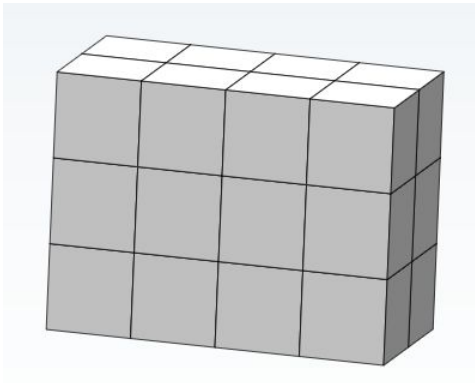

= 1 unit cube

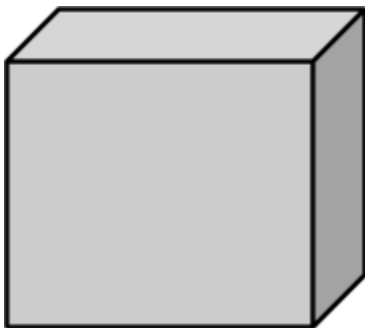| Circle the two figures that have the same volume.	What is the area of the two figures you circled?

This rectangular prism is 4 units long, 3 units tall, and 2 units wide. Decompose it into layers and show your thinking on the prism.   Complete the missing information in the table.
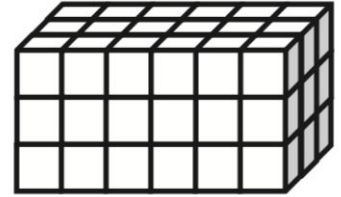
Number of layers	Number of cubes in each layer	Volume of the prism
		_____ cubic units

A rectangular prism is 4 units tall, 5 units long, and 2 units wide. How many cubic units are needed to build this rectangular prism?

Stephen and Chelsea want to increase the volume of this prism by 72 cubic centimeters. Chelsea wants to add eight layers, and Stephen says they only need to add four layers. Their teacher tells them they are both correct. Explain how this is possible.