

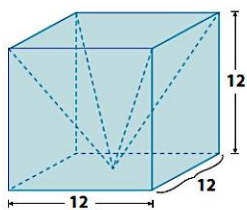


$$\frac{1}{4} \cdot \frac{9}{16}$$

$$\frac{2}{3}$$

Solutions are shown by $\sqrt{3}$ along the number line between 1 and 4. They could be more specific by saying that if you divide the segment between 1 and 4 into three equal parts, then $\sqrt{3}$ is the length of one of those parts.

1



2. What is the volume of the prism shown above with the pyramid portion removed?

$$12^3 - \frac{1}{3}(12^3)$$

The expression 12^3 is the volume of the cube and $\frac{1}{3}(12^3)$ is the volume of the pyramid.