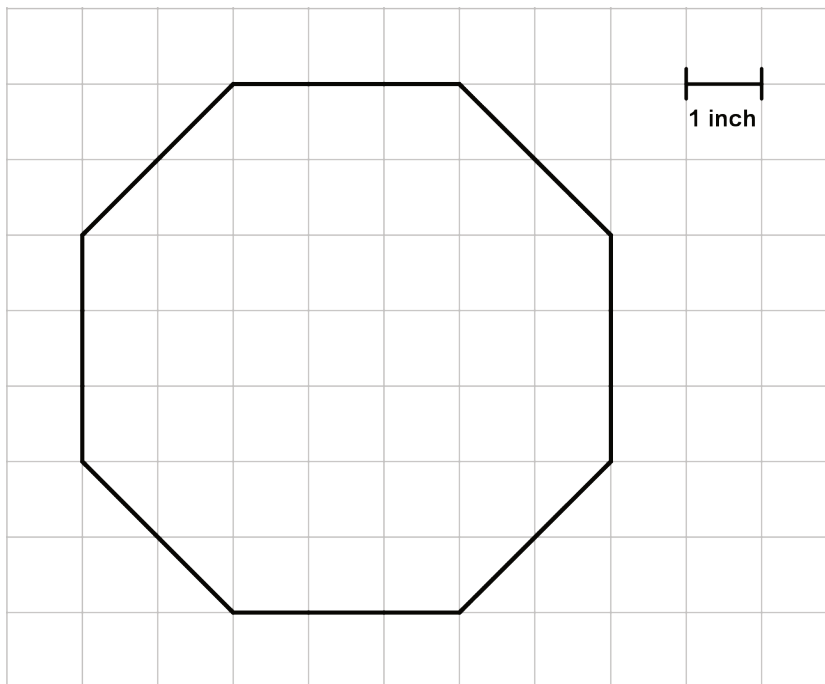


Lesson 12: Volume of Right Prisms

Cool Down: Octagonal Box

A box is shaped like an octagonal prism. Here is what the base of the prism looks like.



For each question, make sure to include the unit with your answer and explain or show your reasoning.

1. If the height of the box is 7 inches, what is the volume of the box?

2. If the volume of the box is 123 in^3 , what is the height of the box?