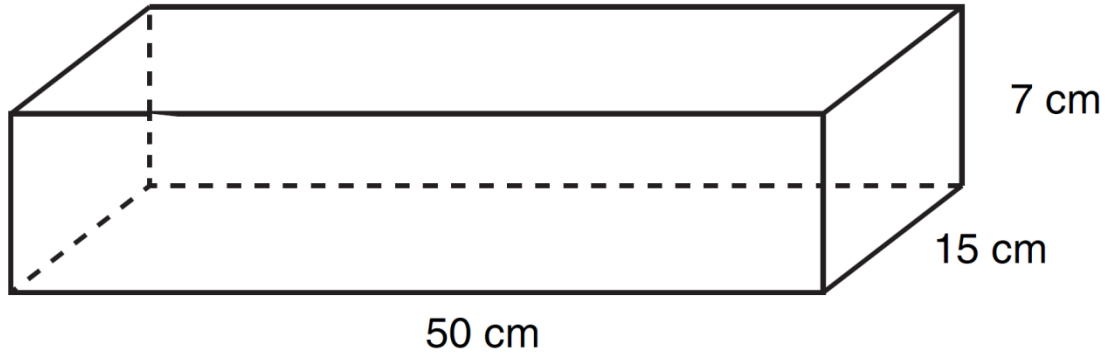


Midpoint of 3D Objects

- Find the midpoint of the rectangular prism, using a ruler and pencil.



Step 1: Find the midpoint of each face.

Top/Bottom Faces

$$50 \text{ cm} \div 2 = 25 \text{ cm}$$

$$15 \text{ cm} \div 2 = 7.5 \text{ cm}$$

Side Faces

$$7 \text{ cm} \div 2 = 3.5 \text{ cm}$$

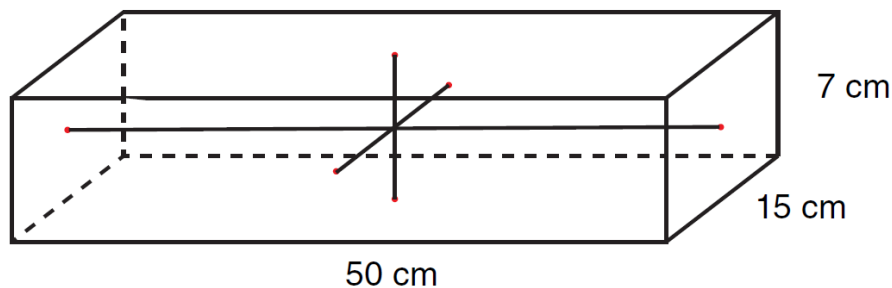
$$15 \text{ cm} \div 2 = 7.5 \text{ cm}$$

Front/Back Faces

$$50 \text{ cm} \div 2 = 25 \text{ cm}$$

$$7 \text{ cm} \div 2 = 3.5 \text{ cm}$$

Step 2: Connect the midpoint of each face to the midpoint of the opposite face.



The midpoint of the prism is where the lines intersect.