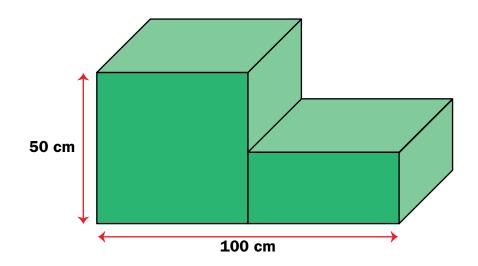


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A cube and a box are put together in the following sketch. The volume of the shape is $187,500 \text{ cm}^3$.



Use the following steps to find the height of the box:

- A. Volume of the cube:
- B. Volume of the box:
- C. Width of the box:
- D. Height of the box: _____