

Volume - Rectangular Prism

- 1) Ed's backyard features a spacious rectangular sandbox, perfect for building sandcastles and digging adventures. The sandbox measures 6 feet in length, 4 feet in width, and 1 foot in depth. How much sand, in cubic feet, will the box hold?

PREVIEW

- 2) Serena packs her travel essentials in carry-on luggage. The luggage is shaped like a rectangular prism and measures 22 inches in length, 13 inches in width, and 10 inches in depth. What is the volume of Serena's luggage?

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- 3) A cargo container is shaped like a rectangular prism with a length of 30 feet, a width of 8 feet, and a height of 12 feet. What is the volume of the container in cubic feet?

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- 4) John stores his science books in a wooden drawer. The drawer is shaped like a rectangular prism and measures 18 inches in length, 12 inches in width, and 6 inches in height. How much volume does the drawer have?

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- 5) Janet's cherished antique jewelry box, a precious gift from her grandmother, is shaped like a rectangular prism. The box measures 7 inches in length, 5 inches in width, and 3 inches in height. What is the volume of the jewelry box?