

Volume - Rectangular Prism

- 1) A construction site uses a dump truck to transport gravel. The truck bed is shaped like a rectangular prism and measures 20 feet in length, 10 feet in width, and 7 feet in depth. If the truck is filled to the top with gravel, how much gravel does it carry?

PREVIEW

- 2) Shirley uses an old shoe box for her craft project. The box has a rectangular prism shape with dimensions of 13 inches in length, 7 inches in width, and 4 inches in height. Find the amount of space available inside the shoebox.

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- 3) Gemma is digging a hole for a garden. The hole is shaped like a rectangular prism with a length of 3 feet in width, and 1 foot in depth. How much soil is needed to fill it?

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- 4) A concrete block is shaped like a rectangular prism with a length of 8 inches in width, and 4 inches in height. Find the volume of the block.

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- 5) A cake pan is shaped like a rectangular prism with a length of 10 inches, a width of 6 inches, and a depth of 4 inches. How much batter can it hold in cubic inches?