GRADE 6 MATH · HOMEWORK · ADVANCED

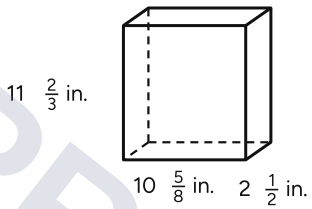
Use a Formula to Find the Volume of a Rectangular Prism

SCORE / 25

01 Part A · Practice

V = ℓwh (or V = Bh) works for fractional edge lengths too.

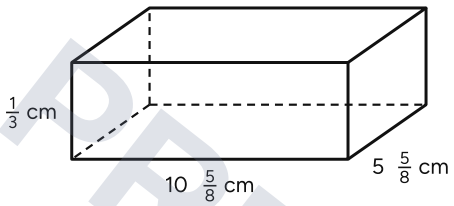
1 ●○○ Find the volume of the rectangular prism.



2 ●○○ The base of a prism has an area of $4\frac{17}{64}$ in.^{2}. The height is $2\frac{3}{8}$ in. Find the volume.

3 ●○○ Find the volume of a prism $8\frac{1}{3}$ cm long, $6\frac{5}{8}$ cm wide, and $3\frac{3}{8}$ cm high.

4 ●○○ Find the volume of the rectangular prism.



5 ●○○ The base of a prism has an area of $12\frac{1}{2}$ ft^2. The height is $11\frac{2}{3}$ ft. Find the volume.

6 ●○○ Find the volume of a prism $12\frac{1}{3}$ in. long, $8\frac{5}{8}$ in. wide, and $4\frac{1}{3}$ in. high.

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Preview - the full worksheet and its answer key are at primeworksheet.com