

Name: _____

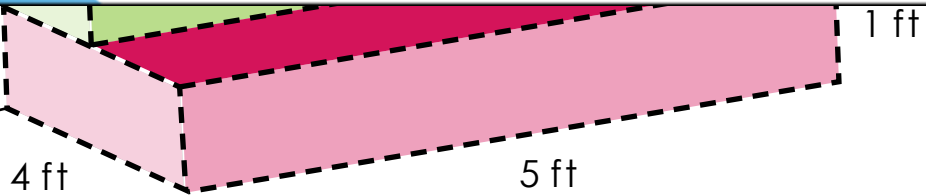
Volume of Composite Figures

The Allens need steps for their new home. Find the volume of concrete needed to form the steps.



Preview

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Volume of step one (green):

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ ft}^3$$

Volume of step two (red):

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ ft}^3$$

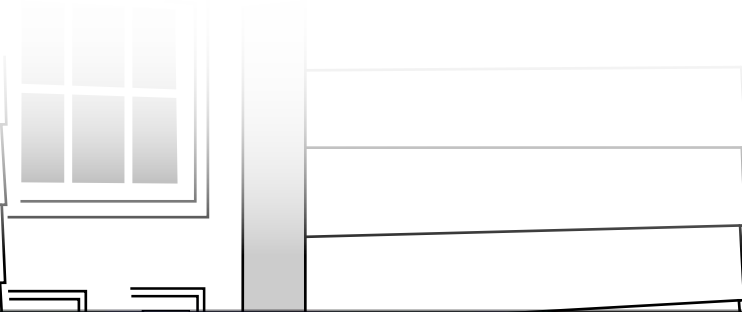
Volume of the combined steps:

$$\underline{\quad} + \underline{\quad} = \underline{\quad} \text{ ft}^3$$

ANSWER KEY

Volume of Composite Figures

The Allens need steps for their new home. Find the volume of concrete needed to form the steps.



Preview

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Vol

ft³

Volume of the combined steps:

$$\underline{10} + \underline{20} = \underline{30} \text{ ft}^3$$