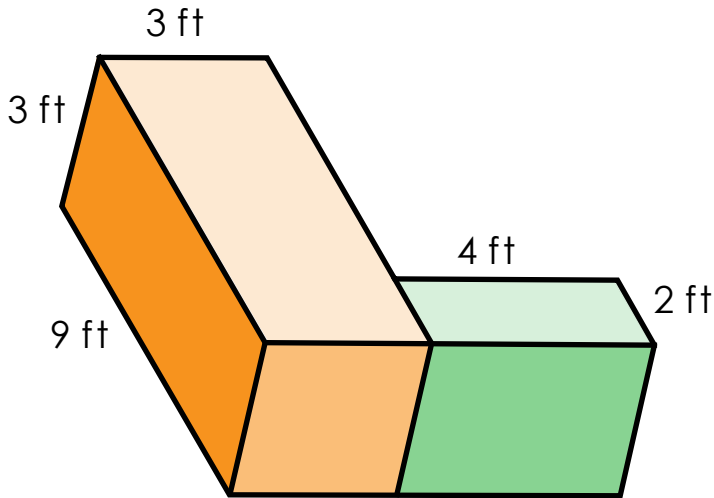


Name: _____

Volume of Composite Figures

Find the volume of each solid figure.

a.



Volume of the orange shape:

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

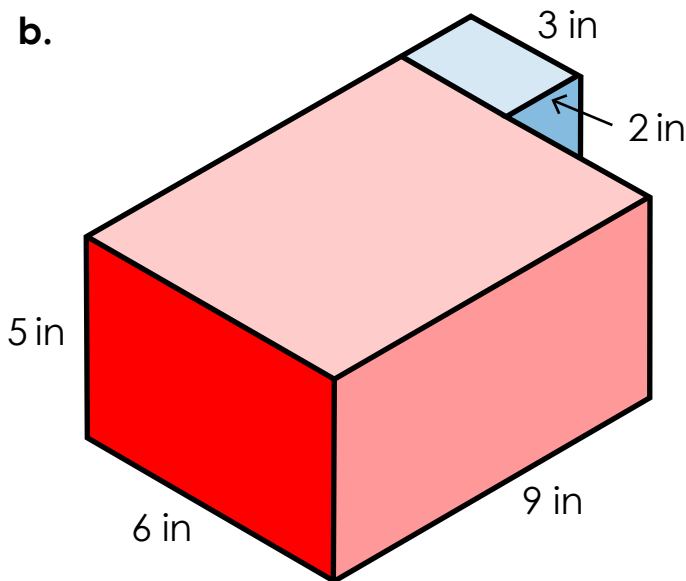
Volume of the green shape:

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

Volume of shape:

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

b.



Volume of the red shape:

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

Volume of the blue shape:

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

Volume of shape:

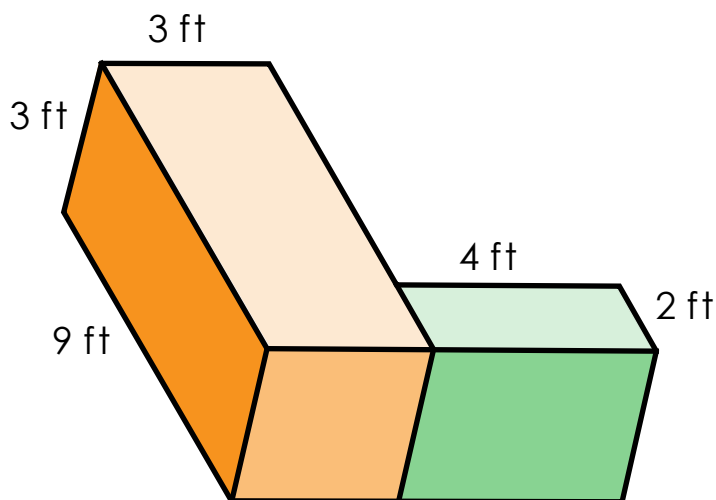
$$\underline{\quad} + \underline{\quad} = \underline{\quad} \text{ in}^3$$

ANSWER KEY

Volume of Composite Figures

Find the volume of each solid figure.

a.



Volume of the orange shape:

$$\underline{3} \times \underline{3} \times \underline{9} = \underline{81} \text{ ft}^3$$

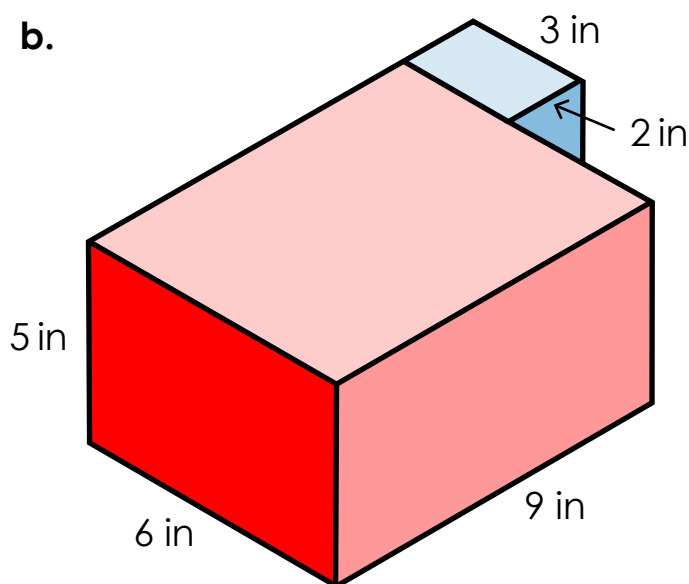
Volume of the green shape:

$$\underline{2} \times \underline{3} \times \underline{4} = \underline{24} \text{ ft}^3$$

Volume of shape:

$$\underline{81} + \underline{24} = \underline{105} \text{ ft}^3$$

b.



Volume of the red shape:

$$\underline{5} \times \underline{6} \times \underline{9} = \underline{270} \text{ in}^3$$

Volume of the blue shape:

$$\underline{2} \times \underline{3} \times \underline{5} = \underline{30} \text{ in}^3$$

Volume of shape:

$$\underline{270} + \underline{30} = \underline{300} \text{ in}^3$$