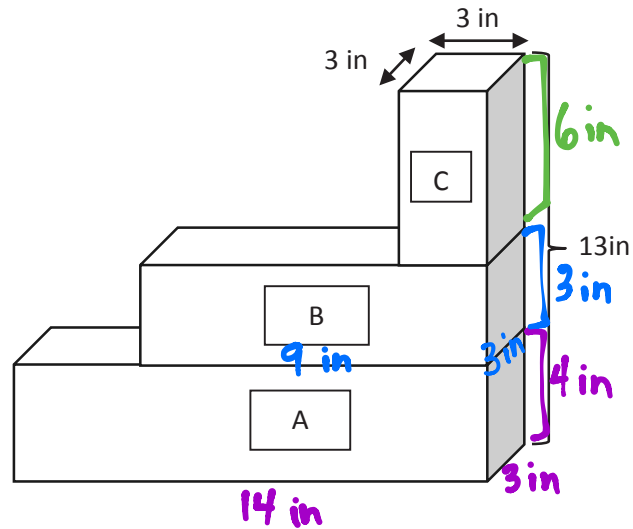


Name _____

Date _____

The image below represents three planters that are filled with soil. Find the total volume of soil in the three planters. Planter A is 14 inches by 3 inches by 4 inches. Planter B is 9 inches by 3 inches by 3 inches.



$$\text{Volume}_A = 14 \text{ in} \times 3 \text{ in} \times 4 \text{ in} = 168 \text{ in}^3$$

$$\text{Volume}_B = 9 \text{ in} \times 3 \text{ in} \times 3 \text{ in} = 81 \text{ in}^3$$

$$\text{Volume}_C = 3 \text{ in} \times 3 \text{ in} \times 6 \text{ in} = 54 \text{ in}^3$$

$$\text{Total Volume} = 168 \text{ in}^3 + 81 \text{ in}^3 + 54 \text{ in}^3 = 303 \text{ in}^3$$