NAME: _____ THURSDAY NIGHT

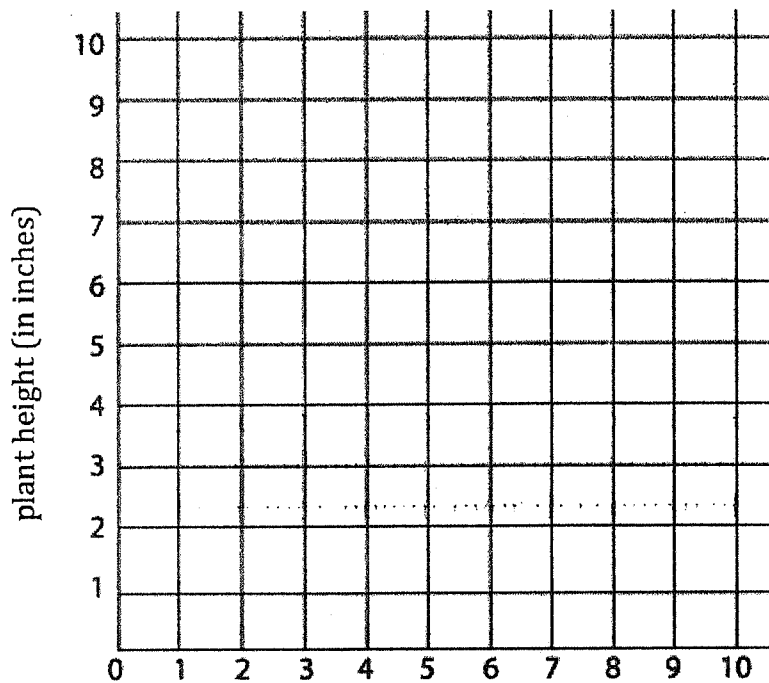Write the volume of each figure.
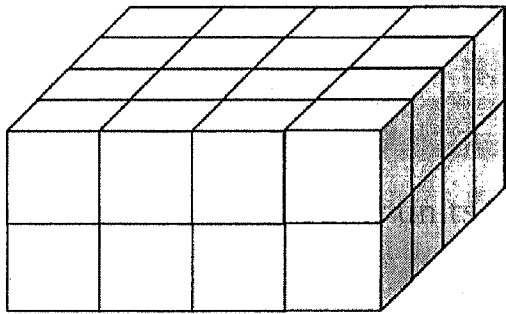
volume: _____ cubic units
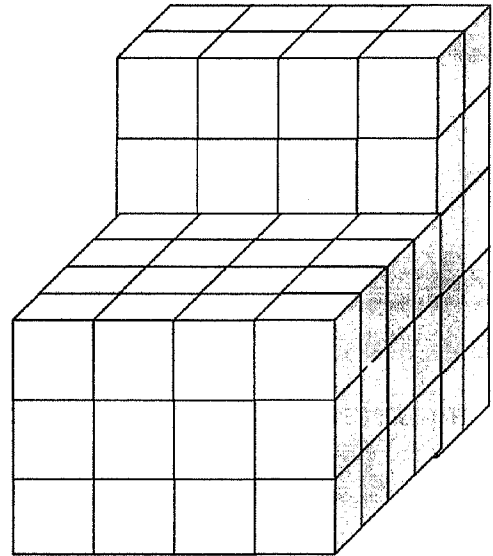
volume: _____ cubic units

Marcus did a science experiment that involved growing a plant and collecting data about changes in the plants height.  Use the coordinate grid to plot points to show the change in the plant's height over the course of 5 weeks.

| # of weeks (x) | height (y) |
|----------------|------------|
| 1 | 2 inches |
| 2 | 4 inches |
| 3 | 6 inches |
| 4 | 8 inches |
| 5 | 10 inches |

plant height (in inches)

# of weeks

Find the product. Solve at least three problems.

| 90 | 33 | 93 | 41 | 46 | 97 |
|---|---|---|---|---|---|
| $\times\,57$ | $\times\,95$ | $\times\,38$ | $\times\,50$ | $\times\,57$ | $\times\,90$ |

**Find the unknown values.  Be sure to show your thinking.**

$$8\frac{4}{9} - 5\frac{2}{3} = c$$

$$j - 5\frac{2}{3} = 8\frac{11}{12}$$

$c = \underline{\qquad}$

$j = \underline{\qquad}$

Caden solved the division problem $827 \div 5$ using partial quotient division. He arrived at the quotient $166\frac{3}{5}$, but his answer is incorrect.  Look at his work, shown to the right.  What error did he make?

$$
\begin{array}{r}
212\frac{2}{4} \\
4\overline{\smash{)}750} \quad 200 \\
-\,800 \quad\ 10 \\
50 \quad\ 2 \\
-\,40 \\
10 \\
-\,8 \\
2
\end{array}
$$

_____

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