

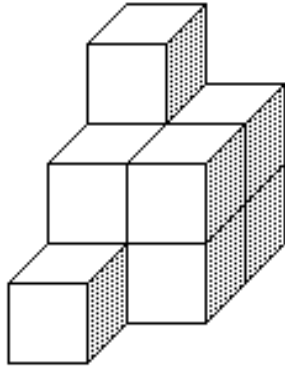
SUPERSTARS III

Neptune, IX

Name: _____

(This shows my own thinking.)

- ★ 1. How many cubes were glued together to create this solid figure?



Answer: _____

- ★★★ 2. A CD costs \$14.76, including tax. You give the clerk a twenty-dollar bill and a penny.

- a) Why would you give the clerk the extra penny?

Answer: _____

- b) How much change will you receive?

Answer: _____

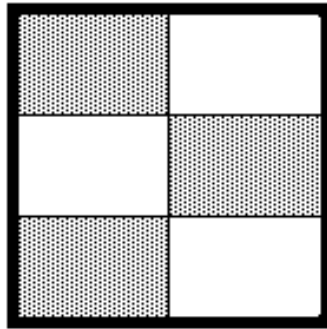
- ★★ 3. Estimate a 15% tip for a \$15.32 restaurant bill. About how much money should you leave as a tip?

Answer: _____

- ★★★ 4. Mary calls every three days, Nicole calls every 4 days and Cindy calls every 6 days.

Once in every _____ days, all three will call on the same day.

★ 5. What percent of the rectangle is shaded?

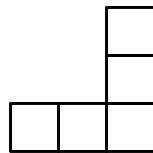


Answer: _____

★★ 6. Estimate to the nearest half hour the time it will take to travel 870 miles at an average speed of 50 miles per hour.

Answer: _____

★★★ 7. The figure below consists of 5 squares of the same size. The area of the figure is 180 square units. What is the perimeter?



Answer: _____

★★★★ 8. You've heard "Two wrongs don't make a right." But in the puzzle below, two wrongs do make a right! Solve the puzzle by finding the values of the letters W, R, N, G, T, and I.

$$\begin{array}{r}
 \text{W R O N G} \\
 + \text{W R O N G} \\
 \hline
 \text{R I G H T}
 \end{array}$$

Letter O = 0 (zero)

Letter H = 8

W = ___ R = ___ N = ___ G = ___ T = ___ I = ___