

SUNSHINE MATH - 7

Neptune, XV

Name: _____
(This shows my own thinking.)

- ★ 1. Jeremy started out with 7 pogs. In the first game he lost 2, then he won 4. He continued to play and lost 5, won 3, lost 1, won 2, then lost 1. How many more pogs did he have when he finished, than he started with?

Answer: _____ pogs

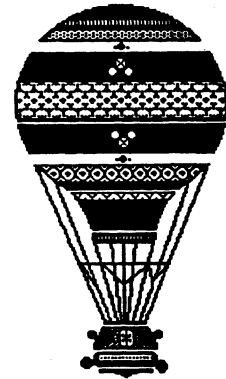
- ★★ 2. Mrs. Smith had a plaque engraved for the outstanding mathematics student. The engraving cost is 74¢ for the first eight letters and 10¢ for each additional letter.

a. How many letters are in a name that has a total engraving cost of \$1.84? _____

b. How much would your first and last name cost, on the plaque? _____

- ★★ 3. A hot-air balloon race started at 10:30 A.M. The timer started a stop watch and let it run for the entire match. When the race ended, the timer noted that 215 minutes had passed. What time did the race end?

Answer: _____

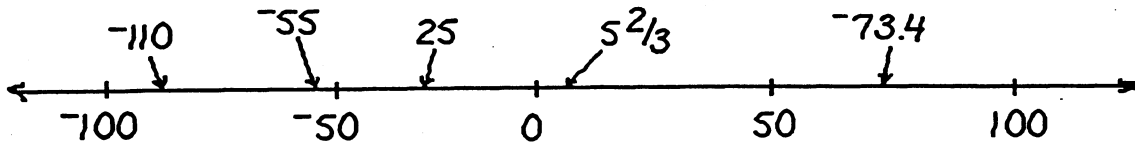


- ★ 4. Four out of five cars in the United States have a tape player and a radio. What percent of American cars do *not* have a tape player or radio?

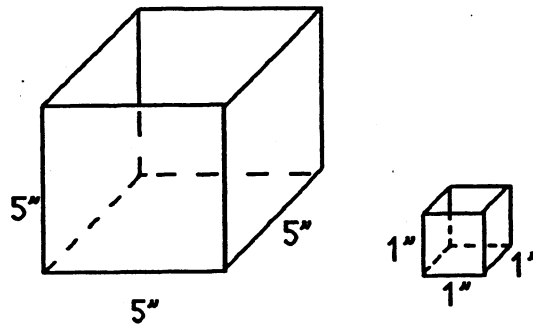


Answer: _____%

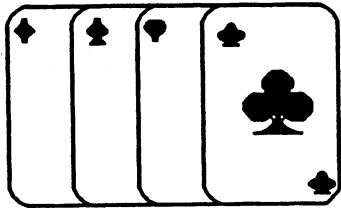
- ★★★ 5. The numbers below the line (-100, -50, 0, 50, and 100) are placed correctly. Three of the numbers above the line are incorrect, but two are about right. Circle the three that are incorrect.



- ★★★★ 6. How many small cubes will fit in the large cube? _____ cubes



- ★★★★ 7. How many cards must be drawn from a standard deck to be certain that 4 cards of the same suit are drawn? Assume that the cards are not replaced each time.



Answer: _____ cards

- ★★ 8. Jim and Rowena spent a total of 28 hours putting up a fence. Rowena worked 4 more hours than Jim. How many hours did each work?

Answer: Rowena: _____ hours
Jim: _____ hours

