

MATH SUPERSTARS - 3

Mars, II

Name: _____

(This shows my own thinking.)

- ★★★★ 1. Use the rule given. Write the missing numbers.

Rule: If x is a number in column A, then $x - 7$ is beside it in column B.

A	B
14	
7	
24	
	1

- ★★★ 2. One way to add numbers mentally is to add the tens together first, followed by the ones. For example, to find $43 + 25$, you might do this:

$$\begin{aligned}40 + 20 &= 60 \\60 + 5 &= 65 \\65 + 3 &= 68\end{aligned}$$

Do these problems using this way to add.

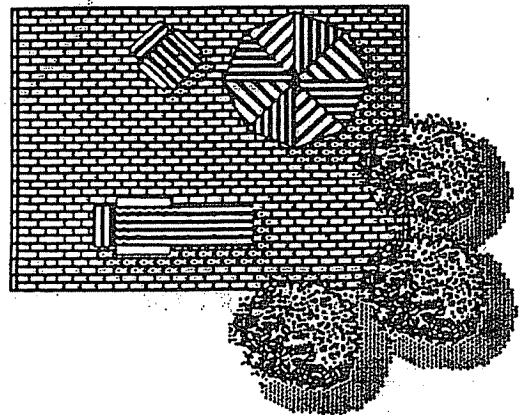
- a. $47 + 22 =$
- b. $56 + 45 =$
- c. $43 + 37 =$

- ★★★ 3. Mrs. Buchanan's third grade class needs 150 paper napkins for a party. A small package of 50 napkins costs \$0.99. A large package of 150 napkins costs \$2.75. How much money would the class save by buying the large package of napkins?

Answer: _____

- ★★ 4. Georgia is making a patio in the shape of a rectangle. The width of the patio is 10 feet. The perimeter is 50 feet. What is the length of the patio?

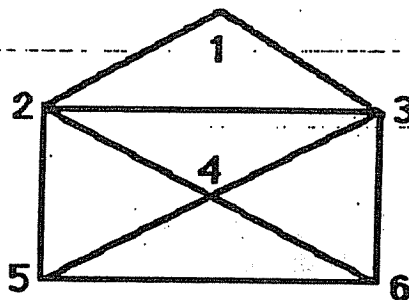
Answer: _____ feet



- ★ 5. At the baseball game, Brian saw a player hit a home run. About how far did the ball go? Circle the most reasonable answer.

a. 8 feet b. 300 feet c. 2,500 feet

- ★★ 6. Trace each line of this shape without lifting the pencil. You can cross a point several times, but do not retrace a whole line.

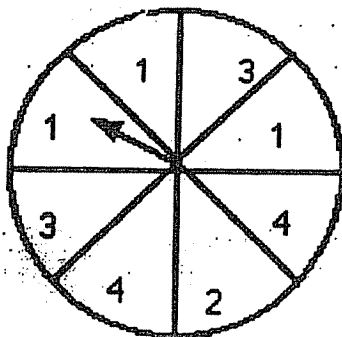


List your numbers in the order that you traced the figure: _____

- ★★ 7. Look at the spinner.

a. Which are you more likely to spin, a 2 or a 3? _____

b. Which is more likely, a 1 or a 4? _____



- ★★★ 8. On Monday 2 students went to the school store. On Tuesday, 4 students went, and on Wednesday, 8 students. If the pattern continues, how many students will go to the school store on Friday?

Answer: _____ students