

# SUNSHINE MATH - 5

## Saturn, IV

Name: \_\_\_\_\_

(This shows my own thinking.)

- ★★ 1. One, three, and six are triangular numbers. List all the other triangular numbers up to 36.

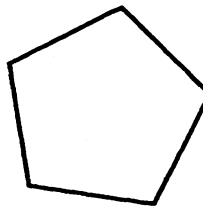


Answer: \_\_\_\_\_

- ★ 2. Jennifer earns \$5.25 an hour. Starting Monday she will get a raise to \$5.85 an hour. She works 40 hours each week. How much more will she make next week than she made last week?

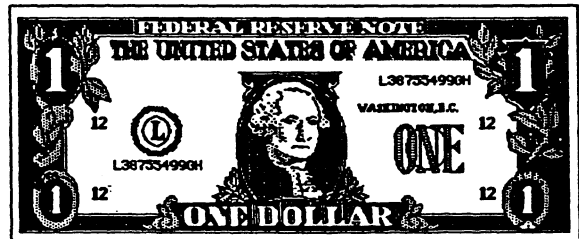
Answer: \_\_\_\_\_

- ★★ 3. A diagonal joins two vertices of a polygon. Draw all the diagonals in the polygon to the right.



- ★★ 4. Marti plans to save 25% of the money she makes over the summer washing cars.

- a. Shade in about 25% of the figure to the right to show how much she will save from every dollar she earns.



- b. How much will Marti save for each car she washes for \$5?

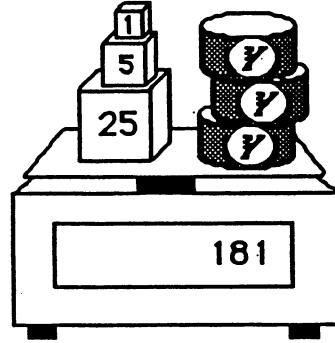
Answer: \_\_\_\_\_

- ★★ 5. The Phillips family wants to fence their backyard. They know the yard has a perimeter of 24 meters, and an area of 32 square meters. What is the yard's length and width?

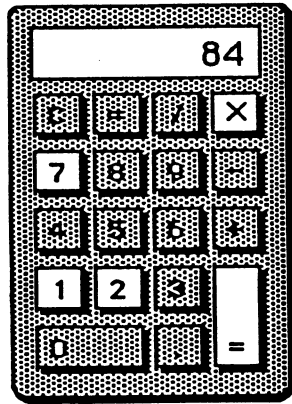
Answers: The length is \_\_\_\_\_ meters, and the width is \_\_\_\_\_ meters.

- ★★★ 6.  $Y$  stands for the weight of 1 can of tuna fish on the scale. Find  $Y$ .

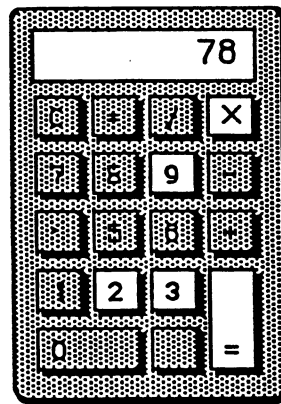
Answer:  $Y = \underline{\hspace{2cm}}$



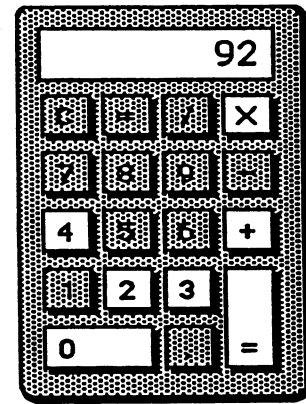
- ★★★ 7. Write the problems and answers below each calculator:



$\underline{\hspace{2cm}} =$

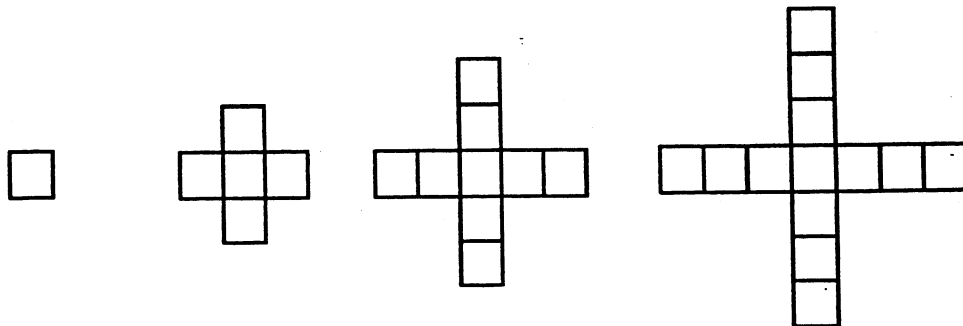


$\underline{\hspace{2cm}} =$



$\underline{\hspace{2cm}} =$

- ★★ 8. Look at the pattern below. How many squares would be in the 10th shape in the pattern?



Answer:  $\underline{\hspace{2cm}}$  squares