

# SUNSHINE MATH-3

Mars, XVII

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

(This shows my own thinking.)

- ★ 1. It takes 4 push-pins to hang 3 pictures if the pictures overlap. Ann is hanging up 8 pictures on the wall for her teacher. How many push-pins will Ann need if she overlaps the corners?



Answer: \_\_\_\_\_ push-pins

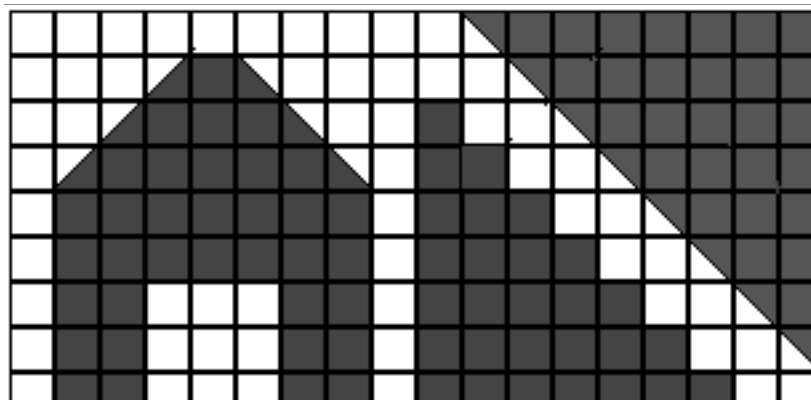
- ★★ 2. Mike has 8 more goldfish than Alan. Alan has 4 fewer goldfish than Suzie. Mike has 12 goldfish. How many goldfish do the 3 friends have in all?

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

- ★★★ 3. Use the digits 5, 6, 7, and 8 to create three 4- digit numbers. Each digit can be used only 1 time in a number. Find the 3 highest possible numbers.

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

- ★★★ 4. Find the area of the shaded figures below.



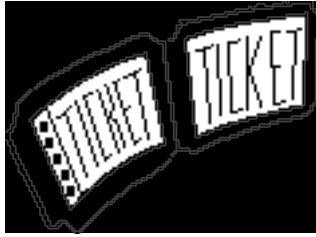
Answer: The garage has \_\_\_\_\_ ■ 's.

The stairs have \_\_\_\_\_ ■ 's.

The triangle has \_\_\_\_\_ ■ 's.

★★★★

5. A family group of 6 went to a show. Tickets for adults are \$6. Tickets for children are \$4. The family spent \$30 for tickets. How many adult tickets and how many children tickets did they buy?



Answer: \_\_\_\_\_ adult tickets  
 \_\_\_\_\_ children tickets

★★

6. The Tigers played 20 baseball games during the summer. They won 4 more games than they lost. How many games did they win? How many games did they lose?

Answer: \_\_\_\_\_ games won  
 \_\_\_\_\_ games lost

★★

7. Use a ruler to measure the pencil below from eraser tip to point. Measure it in both centimeters and inches.



Answer : \_\_\_\_\_ centimeters  
 \_\_\_\_\_ inches

★

8. Study the number crossword. One operation sign (+, -, ×, ÷) belongs in every circle. What operation sign belongs in the circles? Write it in all the circles.

4	○	2	=	8
○	■	○	■	○
4	○	1	=	4
=	■	=	■	=
16	○	2	=	32