

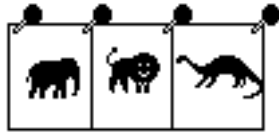
# SUPERSTARS III

Mars, XVII

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

(This shows my own thinking.)

- H 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

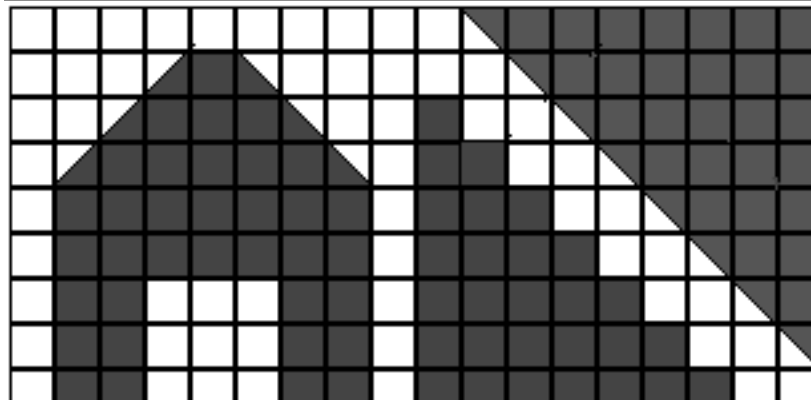
- HH 2. Mike has 8 more goldfish than Alan. Alan has 4 fewer goldfish than Suzie. Mike has 12 goldfish. How many goldfish do the 3 friends have in all?

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

- HHH 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: \_\_\_\_\_

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

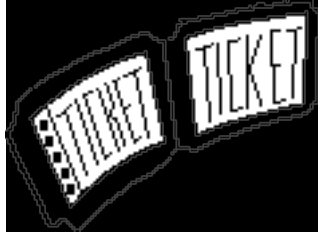


Answer: The garage has \_\_\_\_\_ n 's.  
The stairs have \_\_\_\_\_ n 's.

The triangle has \_\_\_\_\_ n's.

HHHH

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

HH

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

HH

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



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