

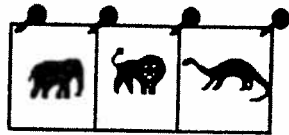
MATH SUPERSTARS – 3

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

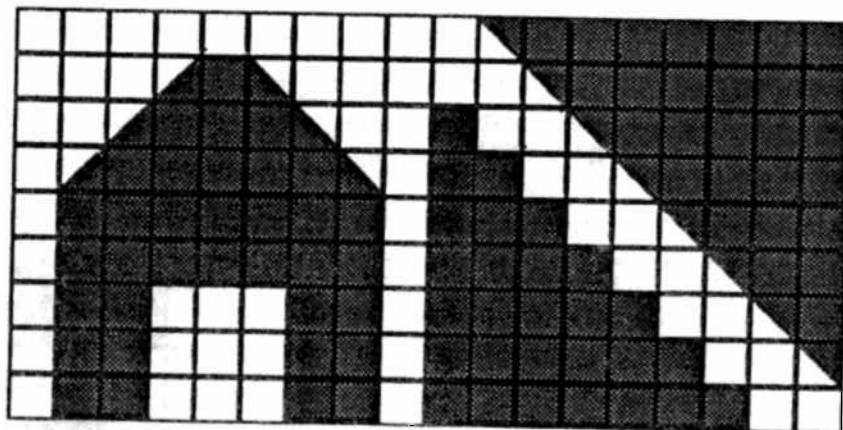
- ★★ 2. Mike has 8 more goldfish than Alan. Alan has 4 fewer goldfish than Suzie. Mike has 12 goldfish. How many goldfish do the 3 friends have all together?

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.

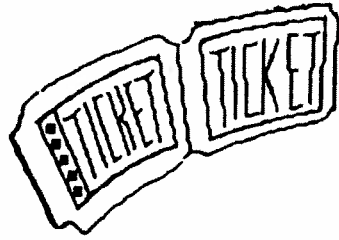


Answer: The garage has _____ ■'s.

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 and 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 (+, -, x, ÷) 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