

# MATH SUPERSTARS – 3

Mars, XVI

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

(This shows my own thinking.)

- ★★ 1. How many more people like blue than red?

Favorite Colors	
Blue	●●●●●●●●●●●●●●
Green	●●●●●●●●
Red	●●●●●●●●●●
Yellow	●●●●

● = 2

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

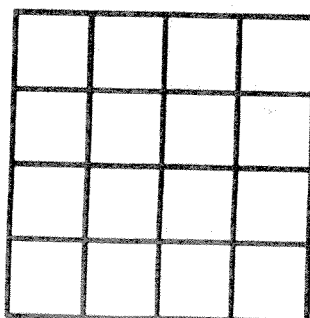
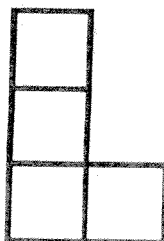
- ★★ 2. Patrick wants to make 6 bows for his Christmas presents. It takes 14 inches of ribbon to make each bow. The ribbon comes in spools of either 70 inches or 125 inches. Which size spool does Patrick need to buy?

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

- ★★★★ 3. There are four fewer pink crayons than blue crayons in the tub. There are five more blue crayons than brown crayons. There is one less brown crayon than red crayon. There are six red crayons. How many crayons in all are in the tub?

Answer: There are \_\_\_\_\_ crayons in the tub.

- ★★★ 4. Show how to use four of the “L-shapes” to the left below, to cover the square to the right. Color each “L-shape” a different color, inside the square.

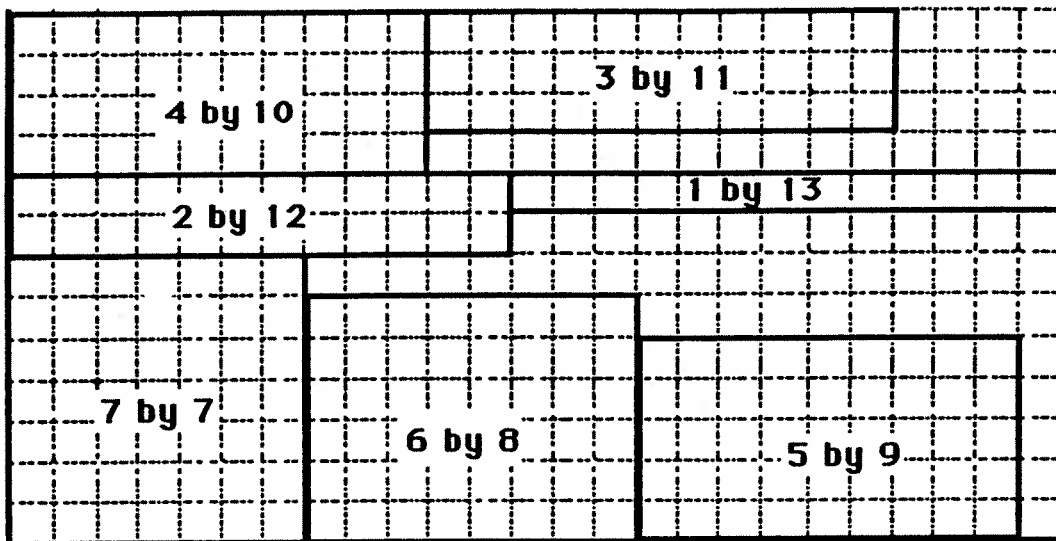


- ★★ 5. Practice doing these problems mentally. When you turn in your paper, you will have a problem like these to do in your head.

a.  $4 \times 100 =$  \_\_\_\_\_      b.  $15 \times 10 =$  \_\_\_\_\_      c.  $24 \times 10 =$  \_\_\_\_\_

Answer for the problem given later: \_\_\_\_\_

- ★★★★ 6. Find the *perimeter* and *area* of each rectangle. Then answer the questions below the grid.



- (a) Do all of the rectangles have the same *perimeter*? \_\_\_\_\_ If so, what is the perimeter? \_\_\_\_\_
- (b) Do all of the rectangles have the same *area*? \_\_\_\_\_ If so, what is the area? \_\_\_\_\_

- ★★★ 7. Below each calculator, write a number sentence to give the answer shown. The symbols and digits to use are checked on each calculator. *Use each Key only one time.*

