

MATH SUPERSTARS - 3

Mars, XII

Name: _____

(This shows my own thinking.)

- ★ 1. Mrs. Boyd baked 22 rolls. She baked 12 *more* muffins than rolls. How many muffins and rolls did she bake together?

Answer: _____ muffins and rolls

- ★★ 2. Mrs. Smith's class was observing birds in the trees. There were three mockingbirds and two cardinals in each tree. The class left after counting 35 birds. How many mockingbirds and cardinals did they see?

Answer: _____ mockingbirds _____ cardinals



- ★★ 3. Do these problems using mental math.
(Hint: think of money)

$3 \times 25 =$

$4 \times 50 =$

$2 \times 25 =$

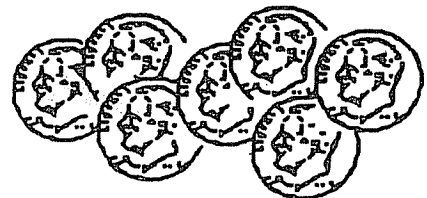
$5 \times 25 =$

- ★★ 4. At the school store, paper costs 35¢; a pencil costs 25¢; and an eraser costs 5¢. Jamie has 50¢. Does Jamie have enough money for paper and a pencil? Katie has 75¢. Can she buy one of each item?

Answer for Jamie: _____ Answer for Katie: _____

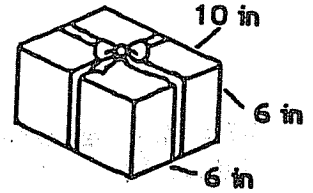
- ★★ 5. Mazie counted her dimes. When she put them in groups of 4, she had two dimes left over. When she put them in groups of 5, she had one left over. What is the smallest number of dimes she could have, if she has more than 10?

Answer: _____



- ★★★ 6. Joshua gave Warren a birthday present. How much ribbon did he need to go around the present and make the bow? The bow took 12 inches by itself.

Answer: _____ inches

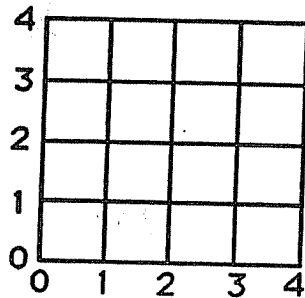


- ★★ 7. I am a 3-digit number less than 300. My tens digit is less than my ones digit and my ones digit is less than my hundreds digit? Who am I?

Answer: _____

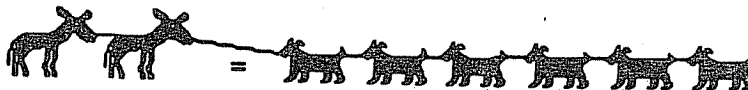
- ★★★ 8. On the grid below, find the point for each number pair. Connect the points in order. Name the figure. (Hint: the first number of each pair says how far *out*; the second how far *up*.)

Here are the number pairs: (1,2) (2,3) (4,3) (4,1) (2,1) (1,2)



Answer: The figure is a _____.

- ★★★ 9. Dogs, cats, and donkeys had a tug-of-war. Four cats tied with three dogs. Two donkeys tied with six dogs. Which side won when one donkey tugged with five cats?



Answer: _____