

MATH SUPERSTARS – 3

Mars, XI

Name: _____

(This shows my own thinking.)

- ★★ 1. What numbers belong in the following number sentences? Write your answer in the boxes.

$$\begin{array}{r} 288 + \boxed{} = 395 \\ 579 - \boxed{} = 395 \end{array}$$

- ★★★ 2. Mrs. Brown's third grade class planted 35 tomato seeds in their class garden. Only 4 out of every 5 seeds grew into plants. How many plants were there?

Answer: _____ plants

- ★★ 3. Tom has a stamp album. Each page has 5 rows of 6 stamps. He has stamps in 3 whole rows and one-half of the fourth row. How many *more* stamps can he put on that page?

Answer: _____ stamps

- ★★ 4. Bill needs some computer disks. At the store the plain disks are formatted for IBM. The disks with the Apple are the type he needs. Study the picture. What fraction of the disks should he buy? What fraction of the disks should he not buy?



Answer : _____ of the disks he can buy

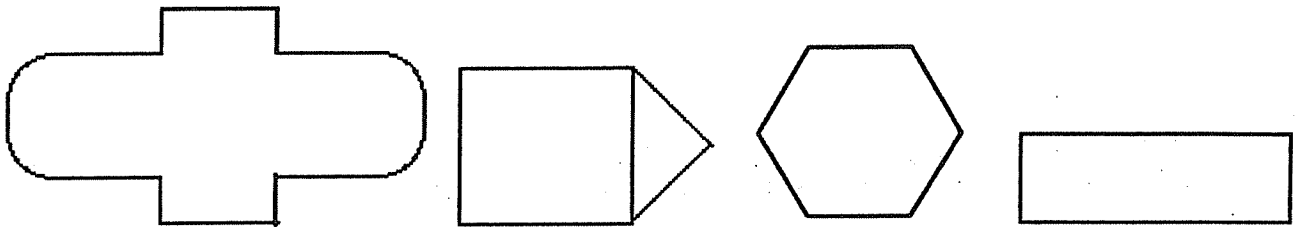
_____ of the disks he should not buy

- ★★ 5. Sally bought 4 stamps at 32 ¢ each. How much change should she receive from the dollar and a half she gave the clerk?



Answer: _____

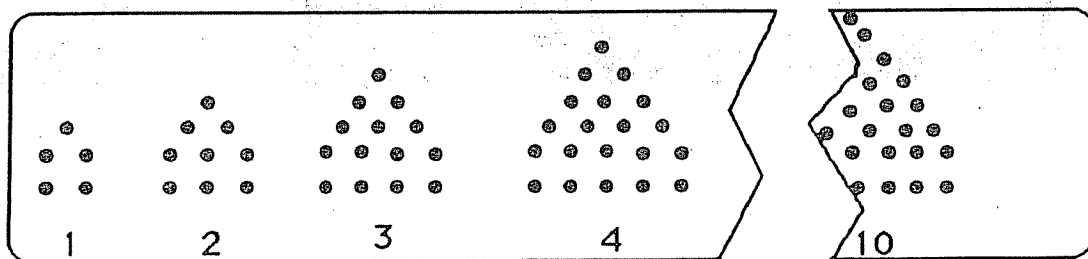
- ★★★★ 6. Symmetry means that a shape can be folded in half and both sides will match perfectly. Draw the lines of symmetry in the shapes below. Some shapes will have more than one line of symmetry.



- ★★ 7. The library at Miller Elementary School has an odd number of tables. Some tables will seat 4 students and some tables that will seat 6 students. A total of 32 students can sit at the tables with no empty seats. What is the number of tables of each type? (Drawing a picture might help).

Answer: _____ tables of 4
 _____ tables of 6

- ★★★★ 8. Study the pattern of dots. How many dots made the 10th figure, before the paper was cut?



Answer: _____ dots