

MATH SUPERSTARS – 3

Mars, X

Name: _____

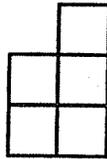
(This shows my own thinking.)

- ★★ 1. Shayna has a set of blocks in a bag. There are 2 squares, 5 circles, 2 triangles, and 4 rectangles. What fraction of the blocks are squares? Circles?

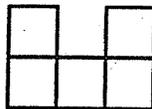
Answer: _____ of the blocks are squares

Answer: _____ of the blocks are circles

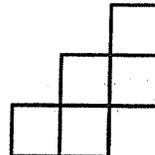
- ★★ 2. Which figure will fold into an open box? Circle it



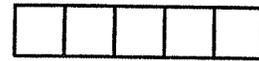
a



b



c



d

- ★★ 3. Which digits below are made up of only line segments? Circle them.

2 4 3 5 7

- ★★ 4. Rebecca bought a pack of 12 pencils. About how much did she spend? Circle your answer.

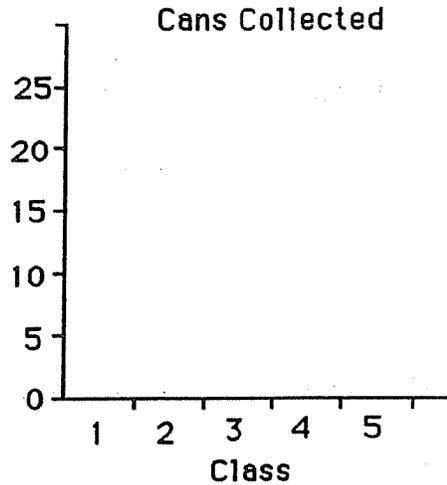
a. \$2.25 b. \$10.25 c. \$0.10

- ★★★ 5. Amanda eats supper from 6:30 to 7:00. Then she watches a half-hour television program. She takes 5 minutes to brush her teeth, 15 minutes to take a bath, and 5 minutes to dress for bed. How much time is left for Amanda to read if she goes to sleep at 8:30?

Answer: _____

- ★★ 6. Five third-grade classes collected cans. The table gives you the data. Complete the bar graph to show the data.

Class	Cans
1	15
2	25
3	25
4	20
5	20



- ★★ 7. The classes above put all their cans together. Then they divided them equally among the five classes. How many cans did each class end up with?

Answer: _____

- ★★ 8. Watch how Marcus multiplies in his head:

For 2×35 , first I do $2 \times 30 = 60$. Then I do $2 \times 5 = 10$. Last, I add 10 to 60 to get 70. So $2 \times 35 = 70$.



Practice doing these problems the way Marcus does, in his head. Write your answers below:

$3 \times 22 =$

$3 \times 24 =$

$2 \times 45 =$

- ★★★ 9. Bart and Luwan prepared the tables for art. They put 2 pieces of poster board and 6 markers on each table. There are 24 markers on the tables. How many pieces of poster board are on the tables?

Answer: _____ pieces