

# SUNSHINE MATH - 3

## Mars, XXII

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

(This shows my own thinking.)

- ★★★ 1. Watch how Marcus divides in his head:

To do  $24 \div 2$ , I follow these steps:  
1st:  $20 \div 2 = 10$   
2nd:  $4 \div 2 = 2$   
3rd:  $10 + 2 = 12$   
So  $24 \div 2 = 12$



Practice these problems the way Marcus does them. You will be asked to solve a division problem mentally when you turn in your paper.

$84 \div 2 =$

$43 \div 2 =$

$36 \div 2 =$

Answer for later problem: \_\_\_\_\_

- ★★ 2. Draw a figure with 8 sides and 8 angles.

- ★★★ 3. How many squares are inside the circle?

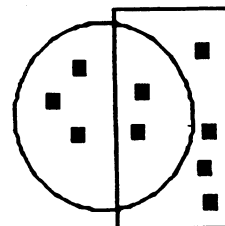
Answer: \_\_\_\_\_

How many squares are inside the rectangle?

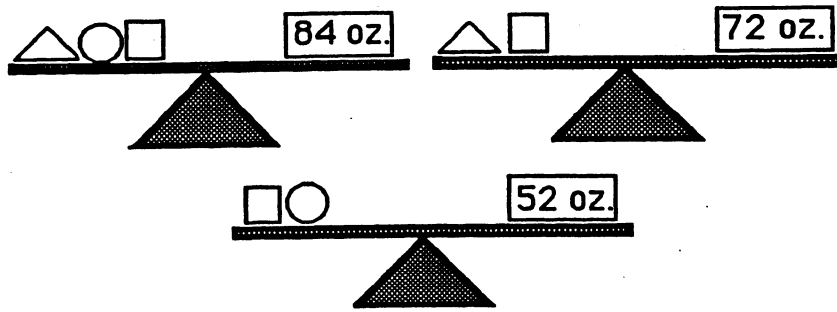
Answer: \_\_\_\_\_

How many squares are inside the circle *and* rectangle?

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



★★★★ 4. How much does each item weigh?



Answer: Triangle: \_\_\_\_ oz. Square: \_\_\_\_ oz. Circle: \_\_\_\_ oz.

★ 5. Matthew brought paper cups for the class party. He used 12 for juice, 17 for soft drinks, and 5 for milk. How many cups did he use?

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

★★★★ 6. Amberly's mother said she could order one sandwich and one drink from the menu. How many different combinations can Amberly order?

<u>Sandwiches</u>	<u>Drinks</u>
Hamburger	Iced tea
Reuben	Soft drink
Grilled cheese	Milk

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

★★ 7. The third grade class needs to make cocoa to serve 36 people. How many cups of milk will they need?

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

<u>Party Cocoa</u>	
<u>18 servings</u>	
1 cup cocoa	2 cups water
1 cup sugar	12 cups milk
pinch of salt	18 marshmallows

★★ 8. At Wright Elementary, many children walk to school. Janie walks  $\frac{1}{2}$  mile. Katie walks  $\frac{1}{3}$  mile. Joshua walks  $\frac{1}{4}$  mile. Who has the longest walk?

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