

# MATH SUPERSTARS – 3

## Mars, IX

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

(This shows my own thinking.)

- ★★ 1. Ann is thinking of a number. She gives Tina this clue:

*If you multiply my number by 4,  
and then subtract 3,  
the answer is 17.*

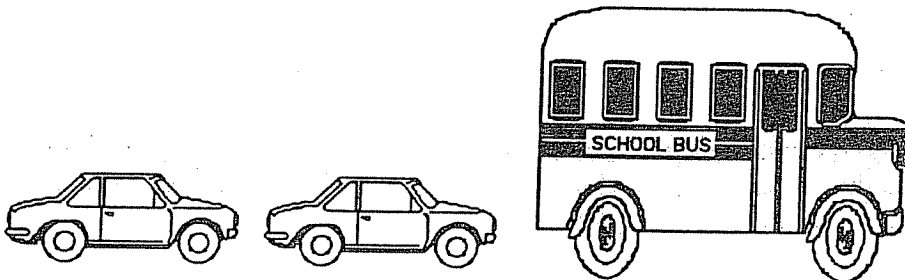
What is Ann's number ? \_\_\_\_\_

- ★★★★ 2. Use the symbols = (equal to) , < (less than) , and > (greater than) to compare the problems below. Work each side before deciding which sign to use. Put your answers in the boxes.

a. $23 + 42$	<input style="width: 30px; height: 25px;" type="text"/>	76 - 15
b. $5 \times 4$	<input style="width: 30px; height: 25px;" type="text"/>	$3 \times 6$
c. $27 - 13$	<input style="width: 30px; height: 25px;" type="text"/>	$18 + 5$
d. $72 \div 9$	<input style="width: 30px; height: 25px;" type="text"/>	$48 \div 6$

- ★★★ 3. Eighty-four students went on a field trip to another city. The school had one bus that held 68 students. The rest of the students had to travel by car. If 4 students could ride in each car, how many cars were needed?

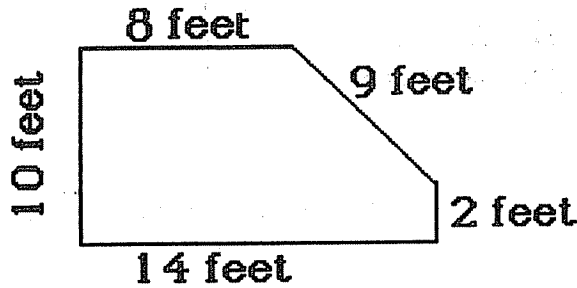
Answer: \_\_\_\_\_ cars



- ★★ 4. Gina is having a birthday party at home. Each time the doorbell rings, two of her friends arrive. If the doorbell rings 4 times, how many people are at the party?

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

- ★★★ 5. Joe's grandmother is planting a vegetable garden. She needs a fence to keep animals out. She has to know the *perimeter* of her garden to buy the right amount of fencing. How much fence does she need?



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

- ★★★ 6. Study the following puzzle. Then answer the question.



How many ✈'s is a ✂ worth?

Answer: \_\_\_\_\_ ✈'s

- ★ 7. Sergio bought a hand-held game and an adapter for \$28.00. The game cost \$19.00. What was the cost of the adapter?

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

- ★★ 8. Tom, Bill, and Joe picked oranges from the tree in their grandfather's yard. Tom picked 12 more oranges than Joe. Joe picked 8 less oranges than Bill. Bill picked 23 oranges. How many oranges did they pick together?

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