SUPERSTARS III

Name: _____

(This shows my own thinking.)

HH   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 ? _____

HHHH   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.
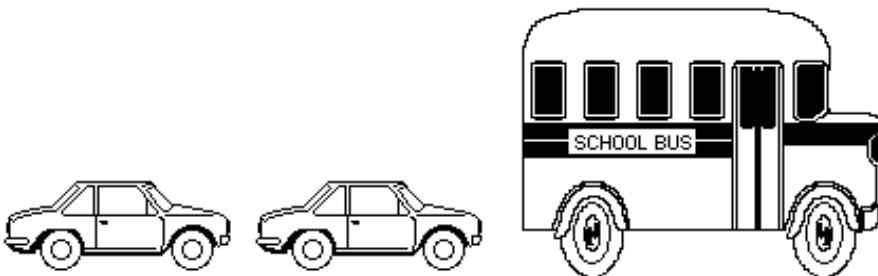
a. 23 + 42 ☐ 76 - 15

b. 5 × 4 ☐ 3 × 6

c. 27 - 13 ☐ 18 + 5

d. 72 ÷ 9 ☐ 48 ÷ 6

HHH   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?
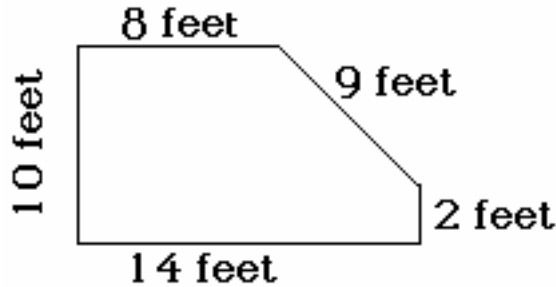
Answer: _____ cars

HH   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

HHH   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 fencing does she need?

Answer: _____ feet

HHHH   6. Study the following puzzle. Then answer the question.

$$\$\$ = \% \ \% \ \% \ \%$$
$$\% = (\ (\ ($$

How many ('s is a $ worth?

Answer: _____ ('s

H   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: _____

HH   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 fewer oranges than Bill. Bill picked 23 oranges. How many oranges did they pick together?