Write a formula for each of the following. You **DO NOT** need to solve these, just write the formula.

1. A cell phone company charges $40 per month for unlimited calling, and $0.05 for every text message. Write a formula for the total cost.

   \[ \text{Total Cost} = \]

2. Hockey fees for each player are determined by adding the team’s registration fees and the cost for ice time and then dividing that total by the number of players. Write a formula for the player costs.

   \[ \text{Player Fees} = \]

3. An online magazine requires a subscription to view the site. They charge $14.95 for 10 issues and $1.45 for every extra issue after that. Write a formula for the total cost.

   \[ \text{Total Cost} = \]

Write a formula for each of the following **USING ONLY ONE VARIABLE**, and then find the answer:

4. Rob is 16 years older than Corey. The sum of their ages is 46. How old is each?
5. Susan is three years younger than Rick. Their ages total 47 years. How old is Rick?

6. Two consecutive numbers total 105. What are the numbers?

7. Two numbers differ by seven. If their sum is 65, what are the numbers?

8. One number is four times another number. If their sum is 10, what are the numbers?

9. The length of a room is twice as long as the width and the Area is 50 square meters. What is the length of the room?

10. Trevor has three times more hockey cards than Adam and together they have 416 cards. How many cards does Trevor have?