Name: _____ Date: _____

Write an algebraic expression that answers each of the following questions.

1. If you have x dollars, how would you represent how much money someone has who has 4 more dollars than you?

$$x + 4$$

2. If you have to read p pages of history tonight, how would you represent someone who has to read twice as much history as you?

$$2p$$

3. There are s students in your class but 3 are absent today. *(20)*
   a. How many students are present?

$$S - 3$$

   b. Your teacher is giving 4 pieces of candy to every student who is present today. How many pieces of candy does she need?

$$4(S - 3) \neq 4S - 3$$

4. Jenny has y yards of ribbon and wants to cut streamers that are each 2 yards long. How many streamers can Jenny cut?

$$\frac{y}{2}$$

5. Hosea is x years old. His sister Juanita is twice as old as Hosea. *(3)*
   a) How would you write an expression as to how old Juanita is now?

$$2x$$

   b) How old will Juanita be in 5 years?

$$2x + 5$$

6. Mrs. Adams is h inches tall. She is three times as tall as her son. How tall is her son?

$$\frac{1}{3}h = \frac{h}{3}$$

7. Thomas bought one CD that cost $x and another that cost $7.
   a) How much do the two CDs cost together?

$$\$13 \quad x + 7$$

   b) How much change will Thomas get from a $20 bill?

$$\$13 \quad 20 - (x + 7) =$$