Verbal Phrases

Write each as an expression.

1) Four more than a number

2) Seven less than a number

3) Twice a number

4) Half of a number

5) The sum of 8 and a number

6) The difference of a number and six

7) The product of 9 and a number

8) The quotient of 12 and a number

9) The quotient of a number and 15

10) A number increased by 4

11) A number decreased by 8

12) 52 subtracted from a number

13) A number subtracted from 34

14) A number tripled

15) A number squared

16) A number cubed

17) A third of a number

18) 18 less than a number

19) 4 more than twice a number

20) 7 less than a third of a number

21) The sum of 8 and a number, divided by 9

22) 12 more than, the quotient of a number and 3

23) Twice a number, decreased by 23

24) 8 less than, the product of 16 and a number

25) The difference of 9 and a number, divided by 3

26) Half of the difference of 13 and a number

Write an expression for each.

1) Sarah is 7 years older than her sister. What information do you need to know to find Sarah's age? _____(x)
Sarah's Age? _____
                        (expression)

2) Hal has half as much money as his boss. What information do you need to know to find out how much money Hal has?

_____(x)

Hal's $? _____
                  (expression)

3) Timmy has 45 cards and gives some cards to his brother. What information do you need to know to find out how many cards Timmy has left?
_____(x)

Cards Left? _____
                  (expression)

4) Peter got 18 questions on his quiz correct. What information do you need to know to find out how many questions Peter got incorrect?
_____(x)

Incorrect Questions?_____
                        (expression)

5) A cashier earns $12 an hour. What information do you need to know to find out how much money the cashier earned?
_____(x)

Money Earned?_____
                        (expression)

6) Ralph has $200 and spends $8 a week. What information do you need to know to find out how much money Ralph has left?
_____(x)

$ Left? _____
                  (expression)

7) You sold 12 candy bars to raise money for your soccer team. What information do you need to know to find out how much money you have raised in total?

_____(x)

$ Raised? _____
                  (expression)

8) A bath tub has 18 gallons of water in it and loses 1.5 gallons per minute. What information do you need to know to find out how much water is left in the tub?

_____(x)

Gallons Left? _____
                        (expression)

9) A plumber charges a $60 service fee and $24 an hour. What information do you need to know to find out how much money he makes in total? What does your variable stand for?
_____(x)

Total Earned? _____
                        (expression)

10) You and your friends are all pitching in to buy an outdoor skating rink. You pitch in $45 and each of your friends pitch in $30. What information do you need to know to find out how much money you have so far?

_____(x)

$ So Far? _____
                  (expression)

Challenge:

11) You buy a sweatshirt for $36 and a pair of pants. There is a 30% off sale. What information do you need to know to find out the cost of the sweatshirt and pants after the sale?
_____(x)

Total Cost? _____
                  (expression)