

Name _____

HW# _____

Write each phrase as an algebraic expression. (You may use any variable in questions that do not assign a variable).

1. The difference between g and 4 _____
2. The product of x and 2 _____
3. The quotient of b and 5 _____
4. Four subtracted from a number _____
5. Sue's score, s , increased by ten _____
6. Seventeen less than p _____
7. A number decreased by $\frac{1}{2}$ _____
8. The square of some number divided by ten _____
9. Twice your age, a , divided by three _____
10. Fed-Ex charges a flat fee of \$1.50 to ship a package plus an additional \$0.50 per pound, p , that the package weighs. _____
11. The Roslyn Middle School carnival costs \$10 to enter and \$3 per ride, r .

Write each sentence as an algebraic equation.

12. Four less than seven times a number is thirty-seven. _____
13. The product of a number and ten is negative sixty-four. _____
14. Fifteen is the sum of d and two. _____