

## Pre-Algebra Worksheet 1

Name \_\_\_\_\_ Date \_\_\_\_\_

**Write each phrase as an algebraic expression and each sentence as an algebraic equation.**

1. eleven less than three times a number \_\_\_\_\_
2. fifty divided by two times a number \_\_\_\_\_
3. Three times a number is twenty-one. \_\_\_\_\_
4. four times a number increased by seven \_\_\_\_\_
5. A number increased by seventeen is twenty-two. \_\_\_\_\_
6. Twice a number is seventy-six. \_\_\_\_\_
7. Twelve less than a number is thirty. \_\_\_\_\_
8. Six is fifteen less than three times a number. \_\_\_\_\_
9. sixty divided by four times a number \_\_\_\_\_
10. twice a number, decreased by nineteen \_\_\_\_\_
11. Eighty-one is three times a number. \_\_\_\_\_
12. Which of the above problems are algebraic phrases? \_\_\_\_\_
13. Which of the above problems are algebraic equations? \_\_\_\_\_
14. Write your own algebraic expression in words. \_\_\_\_\_
15. Write your expression from #14 using mathematical symbols. \_\_\_\_\_
16. Write your own algebraic equation in words. \_\_\_\_\_
17. Write your equation from #16 using mathematical symbols. \_\_\_\_\_