

Translate Phrases into Math Expressions I

Name _____

Translate the following phrases into mathematical expressions.

1. The sum of a number and ten. 1. _____
2. Eighteen more than a number. 2. _____
3. Five less than a number. 3. _____
4. The product of a number and three. 4. _____
5. The difference of a number and seven. 5. _____
6. The difference of seven and a number. 6. _____
7. Two more than a number. 7. _____
8. Sixteen less than twice a number. 8. _____
9. Five times the sum of a number and four. 9. _____
10. Three times the difference of a number and one. 10. _____
11. The quotient of a number and six. 11. _____
12. Two-thirds of a number. 12. _____
13. Eight more than a twice a number. 13. _____
14. The difference of a number and eight, divided by ten. 14. _____
15. Three more than the sum of a number and four. 15. _____
16. Double the difference of a number and seven. 16. _____
17. Nine less than the product of a number and two. 17. _____
18. The quotient of two and three more than a number. 18. _____
19. The product of triple a number and five. 19. _____
20. Sixteen less than the sum of three and a number. 20. _____

Translate Phrases into Math Expressions II

Translate the following phrases into mathematical expressions.

1. The sum of a number and five. 1. _____
 2. Eighteen less than a number. 2. _____
 3. The product of a number and eight is two. 3. _____
 4. Three times the sum of a number and four. 4. _____
 5. The quotient of twice a number and six. 5. _____
 6. Two-thirds of a number is eighteen. 6. _____
 7. Eight more than a number. 7. _____
 8. The difference of a number and eight, divided by ten. 8. _____
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9. Two numbers have a sum of fifteen. One of the numbers is x . Find an expression for the other number. 9. _____
 10. One of the angles of two complementary angles measures x . Find an expression for the other angle. 10. _____
 11. Joan has fourteen books. Suppose that she donates x books to the library. How many books does she have left? 11. _____
 12. Ed is x years old now. How old will he be in five years? 12. _____
 13. Movie tickets cost x dollars for an adult and y dollars for a child. Find the total cost for two adults and four children. 13. _____
 14. Ted is x years old now. How old was he last year? 14. _____
 15. One of the angles of two supplementary angles measures x . Find an expression for the other angle. 15. _____
 16. Let x represent the first of three consecutive integers. Find a variable expression for the next two consecutive integers. 16. _____
 17. Let x represent the first of three consecutive EVEN integers. Find a variable expression for the next two even integers. 17. _____
 18. Let x represent the first of three consecutive ODD integers. Find a variable expression for the next two odd integers. 18. _____