

Name: \_\_\_\_\_

Score: \_\_\_\_\_



## GED Skill: Solving Numerical Expressions

Solve the following numerical expressions.

Sometimes you will be given a word problem and you must first use the information to write a numerical expression... before you solve the problem. Replace the words with numbers and math operations before you evaluate the expression. When solving it be sure to follow the correct order of operations.

- ① 16                      The quotient of a number and four increased by 5 is 9. What is the number?
- ② 4, 16                      One number is four times another. Their sum is 20. Find the numbers.
- ③ 6                              Four times a number decreased by 13 is 11. Find the number.
- ④ 24                              The quotient of a number and eight increased by 3 is 6. What is the number?
- ⑤ 8, 72                      One number is nine times another. Their sum is 80. Find the numbers.
- ⑥ 10                              Nine times a number diminished by 85 is 5. Find the number.
- ⑦ 40                              The quotient of a number and eight increased by 3 is 8. What is the number?
- ⑧ 7, 49                      One number is seven times another. Their sum is 56. Find the numbers.
- ⑨ 8                                Three times a number decreased by 1 is 23. Find the number.
- ⑩ 10                              The quotient of a number and two increased by 7 is 12. What is the number?
- ⑪ 9, 90                      One number is ten times another. Their sum is 99. Find the numbers.
- ⑫ 3                                Five times a number diminished by 1 is 14. Find the number.
- ⑬ 36                              The quotient of a number and six increased by 9 is 15. What is the number?
- ⑭ 9, 63                      One number is seven times another. Their sum is 72. Find the numbers.
- ⑮ 4                                Nine times a number diminished by 19 is 17. Find the number.