

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 20                      The quotient of a number and five increased by 4 is 8. What is the number?
- ② 8                         Eight times a number decreased by 1 is 63. Find the number.
- ③ 2, 6                     One number is three times another. Their sum is 8. Find the numbers.
- ④ 15                        The quotient of a number and five increased by 8 is 11. What is the number?
- ⑤ 2                         Seven times a number decreased by 10 is 4. Find the number.
- ⑥ 5, 25                    One number is five times another. Their sum is 30. Find the numbers.
- ⑦ 63                        The quotient of a number and nine increased by 9 is 16. What is the number?
- ⑧ 12                        Ten times a number diminished by 6 is 114. Find the number.
- ⑨ 7, 28                    One number is four times another. Their sum is 35. Find the numbers.
- ⑩ 24                        The quotient of a number and three increased by 8 is 16. What is the number?
- ⑪ 2                         Five times a number diminished by 1 is 9. Find the number.
- ⑫ 5, 35                    One number is seven times another. Their sum is 40. Find the numbers.
- ⑬ 54                        The quotient of a number and six increased by 7 is 16. What is the number?
- ⑭ 4                         Eight times a number decreased by 30 is 2. Find the number.
- ⑮ 2, 14                    One number is seven times another. Their sum is 16. Find the numbers.