

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 56                      The quotient of a number and eight increased by 2 is 9. What is the number?
- ② 10                      Two-fifths of a number decreased by 3 is 1. Find the number.
- ③ 10                      One-half of a number increased by 5 is 10. What is the number?
- ④ 2                         Four times a number increased by 3 is 11. Find the number.
- ⑤ 10                      Ten times a number decreased by 87 is 13. Find the number.
- ⑥ 7, 49                    One number is seven times another. Their sum is 56. Find the numbers.
- ⑦ 56                      The quotient of a number and eight increased by 2 is 9. What is the number?
- ⑧ 16                      One-fourth of a number diminished by 1 is 3. Find the number.
- ⑨ 12                      One-half of a number increased by 3 is 9. What is the number?
- ⑩ 5                         Three times a number increased by 5 is 20. Find the number.
- ⑪ 6                         Four times a number diminished by 5 is 19. Find the number.
- ⑫ 9, 81                    One number is nine times another. Their sum is 90. Find the numbers.
- ⑬ 6                         The quotient of a number and two increased by 6 is 9. What is the number?
- ⑭ 10                      One-half of a number decreased by 4 is 1. Find the number.
- ⑮ 5                         Four-fifths of a number increased by 1 is 5. What is the number?