

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 70 The quotient of a number and ten increased by 4 is 11. What is the number?
- ② 4, 24 One number is six times another. Their sum is 28. Find the numbers.
- ③ 8 One-half of a number increased by 3 is 7. What is the number?
- ④ 10 Four times a number increased by 7 is 47. Find the number.
- ⑤ 12 One-fourth of a number decreased by 5 is -2. Find the number.
- ⑥ 5 Seven times a number diminished by 33 is 2. Find the number.
- ⑦ 64 The quotient of a number and eight increased by 9 is 17. What is the number?
- ⑧ 5, 35 One number is seven times another. Their sum is 40. Find the numbers.
- ⑨ 15 Four-fifths of a number increased by 2 is 14. What is the number?
- ⑩ 5 Four times a number increased by 4 is 24. Find the number.
- ⑪ 6 One-third of a number decreased by 1 is 1. Find the number.
- ⑫ 6 Four times a number diminished by 21 is 3. Find the number.
- ⑬ 56 The quotient of a number and eight increased by 5 is 12. What is the number?
- ⑭ 4, 8 One number is two times another. Their sum is 12. Find the numbers.
- ⑮ 12 Three-fourths of a number increased by 2 is 11. What is the number?