

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 8 One-half of a number increased by 4 is 8. What is the number?
- ② 12 Twice a number increased by 3 is 27. Find the number.
- ③ 18 One-half of a number decreased by 7 is 2. Find the number.
- ④ 16 One-half of a number increased by 7 is 15. What is the number?
- ⑤ 10 Eight times a number increased by 7 is 87. Find the number.
- ⑥ 12 One-third of a number diminished by 2 is 2. Find the number.
- ⑦ 10 Four-fifths of a number increased by 1 is 9. What is the number?
- ⑧ 2 Three times a number increased by 3 is 9. Find the number.
- ⑨ 6 One-half of a number diminished by 3 is 0. Find the number.
- ⑩ 10 One-fifth of a number increased by 1 is 3. What is the number?
- ⑪ 11 Eight times a number increased by 2 is 90. Find the number.
- ⑫ 4 One-fourth of a number decreased by 2 is -1. Find the number.
- ⑬ 12 Two-thirds of a number increased by 1 is 9. What is the number?
- ⑭ 4 Four times a number increased by 4 is 20. Find the number.
- ⑮ 10 Three-fifths of a number decreased by 4 is 2. Find the number.