

GED Sample Tests - Mathematics

1. If 10% of a town's population of 10,000 people moved away, how many people remained in the town?

1. 100
2. 900
3. 1000
4. 9000
5. 9900

Difficulty Level: Moderately Difficult

Here is one method you could use to solve this problem. First, you must compute 10% of 10,000 to get 1000. Now you know that 1000 people moved, but notice that the question asks for the number that remained in the town. So, you must subtract 1000 from the total population of 10,000 to get 9,000. As an alternate method, if 10% moved, then 90% remained. So, take .9 time 10,000 to get 9,000; Option 4.

2. A part-time job pays \$6.75 per hour. Which of the following expressions best represents an employee's total earnings if the employee works 2 hours on Monday, 3 hours on Tuesday, 4 hours on Wednesday, 5 hours on Thursday, and 6 hours on Friday?

1. $2+3+4+5+6$
2. $10 + 6.75$
3. $10(6.75)$
4. $20 + 6.75$
5. $20(6.75)$

Difficulty Level: Easy

The first step here is to identify exactly what answer is required. In this case, it is the underlined phrase total earnings. Next, you must understand that total earnings will be the product (multiplication) of the hourly rate of \$6.75 times the number of hours worked.

Find the total number of hours worked as $2+3+4+5+6 = 20$ hours.
Multiply this time the hourly rate to get $20(6.75)$; Option 5.