

GED Math Worksheet: Equations and Inequalities

Directions: Select the correct answer (A–D).

1. The ordered pair $(-2, -1)$ is a solution to which of the following equations?
 - A. $-4x - y = 7$
 - B. $4x + y + -7$
 - C. $4x - y = -7$
 - D. $-4x + y = -7$

2. For a two-week period, Mary earned \$150 less than twice Paolo's earnings. Together they earned \$1380. How much did Paolo earn?
 - A. \$720
 - B. \$660
 - C. \$510
 - D. \$360

3. Four less than the product of a number (x) and 5 is equal to 8 more than 2 added to 3 times the number. Which of these equations could be used to find the value of x ?
 - A. $4 - 5x = 8 + 2 + 3x$
 - B. $5x - 4 = 8 + 2 + 3x$
 - C. $4 - x - 5 = 8 + 3(2) + x$
 - D. $5 - 4x = 8 + 2 + 3x$

4. What is the slope of a line that passes through the points $(2, 4)$ and $(4, 6)$?
 - A. -2
 - B. 1
 - C. 2
 - D. 4

5. What is the next number in the sequence? **1, 7, 14, 22, ...**
 - A. 30
 - B. 31
 - C. 32
 - D. 33



Answer Key

1. C
2. C
3. B
4. B
5. B

