

GED Math Worksheet: Equations and Inequalities

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

- The ordered pair $(-2, -1)$ is a solution to which of the following equations?
 - $-4x - y = 7$
 - $4x + y + -7$
 - $4x - y = -7$
 - $-4x + y = -7$
- For a two-week period, Mary earned \$150 less than twice Paolo's earnings. Together they earned \$1380. How much did Paolo earn?
 - \$720
 - \$660
 - \$510
 - \$360
- 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 ?
 - $4 - 5x = 8 + 2 + 3x$
 - $5x - 4 = 8 + 2 + 3x$
 - $4 - x - 5 = 8 + 3(2) + x$
 - $5 - 4x = 8 + 2 + 3x$
- What is the slope of a line that passes through the points $(2, 4)$ and $(4, 6)$?
 - 2
 - 1
 - 2
 - 4
- What is the next number in the sequence? **1, 7, 14, 22, ...**
 - 30
 - 31
 - 32
 - 33



Answer Key

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

