Name _____ Date _____ Per _____

GRADE 8 MATH · HOMEWORK

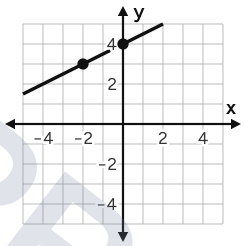
Understand Slope

SCORE / 25

01 Part A · Practice

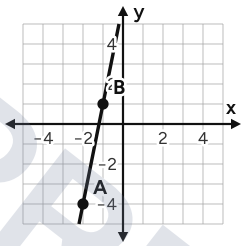
Slope is the ratio of the vertical change (rise) to the horizontal change (run): $m = \frac{\text{rise}}{\text{run}}$.

1 ●○○ Is the slope of the line positive, negative, or zero? Find the slope using the two points.

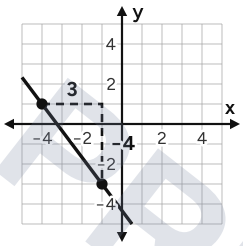


2 ●○○ From (−5, 4) you move down 6 and right 4 to reach (−1, −2) on the same line. What is the slope?

3 ●○○ Draw a slope triangle from *A* to *B*. What is the slope of the line?



4 ●○○ Use the slope triangle to find the slope of the line.



5 ●○○ A line rises 4 units for every 7 units it runs to the right. What is its slope?

6 ●○○ A line rises 2 units for every 8 units it runs to the right. What is its slope?

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Preview - the full worksheet and its answer key are at primeworksheet.com