Using the slope formula to find the slope or a missing coordinate

Formula for slope (m)

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| Find the slope of the line that passes through the pair of points. (0, 0), (3,7) | Find the slope of the line that passes through the pair of points. (-2, 4), (4, -1) |
| Use the slope formula to find the missing coordinate(-6, 0) and (1,y)m = $\frac{8}{7}$ | Use the slope formula to find the missing coordinate(x, 3) and (-1,5)m = $\frac{-2}{3}$ |

Practice

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| Find the slope of the line that passes through the pair of points. (-3, 6), (1,-2) | Find the slope of the line that passes through the pair of points. (2, 4), (4, -4) |
| Find the slope of the line that passes through the pair of points. (2, -10), (5,-6) | Find the slope of the line that passes through the pair of points. (5, 1), (11,1) |
| Use the slope formula to find the missing coordinate(3, 1) and (x,9)m = $\frac{-8}{3}$ | Use the slope formula to find the missing coordinate(-3, 0) and (0,y)m = $\frac{-5}{3}$ |
| Use the slope formula to find the missing coordinate(1, y) and (2,3)m = $-4$ | Use the slope formula to find the missing coordinate(x, 1) and (5,-7)m = $\frac{8}{3}$ |
| Use the slope formula to find the missing coordinate(x, -3) and (2,6)m = $-1$ | Use the slope formula to find the missing coordinate(2, 2) and (0,y)m = $\frac{7}{2}$ |