

Coordinate Geometry Printable Worksheet

1. Find the slope between $(2,3)$ and $(6,11)$.
2. Find the slope between $(-1,4)$ and $(3,-2)$.
3. Find the slope between $(5,2)$ and $(5,9)$.
4. Find the distance between $(1,2)$ and $(5,5)$.
5. Find the distance between $(-2,1)$ and $(4,9)$.
6. Find the distance between $(0,0)$ and $(3,-4)$.
7. Find the midpoint between $(2,4)$ and $(8,10)$.
8. Find the midpoint between $(-3,6)$ and $(7,-2)$.
9. Write the equation of a line with slope 3 and y-intercept -2.
10. Write the equation of a line with slope $-1/2$ passing through $(4,1)$.

Answer Key

1. Slope = 2
2. Slope = $-\frac{3}{2}$
3. Undefined slope
4. Distance = 5
5. Distance = 10
6. Distance = 5
7. Midpoint = (5,7)
8. Midpoint = (2,2)
9. $y = 3x - 2$
10. $y = -\frac{1}{2}x + 3$