

Name \_\_\_\_\_

Date \_\_\_\_\_

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**edHelper.Com WorkSheet****Coordinate Geometry**

(Answer ID # 1016373)

**Find an equation for a line that satisfies each statement.**

1. $m = 1$ ; a point on the line: (9, 8)	2. $m = -6$ ; a point on the line: (-7, 44)
3. $m = -9$ and $b = 6$	4. A line with 2 points: (-8, -20), (6, -16)
5. $m = -8$ ; a point on the line: (6, -30)	6. A line with 2 points: (5, 13), (4, 12)
7. $m = -2$ and $b = -12$	8. $m = 16$ ; a point on the line: (0, -13)
9. $m = -10$ ; a point on the line: (2, -10)	10. $m = 18$ and $b = \frac{1}{2}$
11. A line with 2 points: (3, 4), (1, 4)	12. $m = 13$ ; a point on the line: (-8, -107)
13. $m = \frac{1}{2}$ ; a point on the line: $(1, -3\frac{1}{2})$	14. A line with 2 points: (-7, -109), (6, 73)
15. $m = -3$ ; a point on the line: (4, -26)	16. $m = 4$ and $b = 10$
17. $m = -19$ and $b = -5$	18. $m = -17$ ; a point on the line: (-5, 81)

Answer to # 1 is  $y = 1x - 1$

Answer to # 2 is  $y = -6x + 2$

Answer to # 3 is  $y = -9x + 6$

Answer to # 4 is  $y = (1/2)x - 16$

Answer to # 5 is  $y = -8x + 18$

Answer to # 6 is  $y = (1/5)x + 12$

Answer to # 7 is  $y = -2x - 12$

Answer to # 8 is  $y = 16x - 13$

Answer to # 9 is  $y = -10x + 10$

Answer to # 10 is  $y = (1/2)x + 10$

Answer to # 11 is  $y = + 4$

Answer to # 12 is  $y = 13x - 3$

Answer to # 13 is  $y = (1/2)x - 4$

Answer to # 14 is  $y = 14x - 11$

Answer to # 15 is  $y = -3x - 14$

Answer to # 16 is  $y = 4x + 10$

Answer to # 17 is  $y = -19x - 5$

Answer to # 18 is  $y = -17x - 4$

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