Math Worksheets

Slope–intercept Form

✎ **Write the slope–intercept form of the equation of each line.**

1) $-14x + y = 6$

2) $-2(7x + y) = 24$

3) $-8x - 16y = -48$

4) $5x + 14 = -3y$

5) $x - 3y = 12$

6) $18x - 12y = -6$

7) $28x - 14y = -56$

8) $7x - 4y + 25 = 0$

9) $-\frac{1}{3}y = -2x + 3$

10) $5 - y - 4x = 0$

11) $-y = -6x - 9$

12) $10x + 5y = -15$

13) $3(x + y + 2) = 0$

14) $y - 4 = x + 3$

15) $3(y + 3) = 2(x - 3)$

16) $\frac{3}{4}y + \frac{1}{4}x + \frac{5}{4} = 0$

Answers of Worksheets

Slope–intercept form

1) $y = 14x + 6$

2) $y = -7x - 12$

3) $y = -\frac{1}{2}x + 3$

4) $y = -\frac{5}{3}x - \frac{14}{3}$

5) $y = \frac{x}{3} - 4$

6) $y = \frac{3}{2}x + \frac{1}{2}$

7) $y = 2x + 4$

8) $y = \frac{7}{4}x + \frac{25}{4}$

9) $y = 6x - 9$

10) $y = -4x + 5$

11) $y = 6x + 9$

12) $y = -2x - 3$

13) $y = -x - 2$

14) $y = x + 7$

15) $y = \frac{2}{3}x - 5$

16) $y = -\frac{1}{3}x - \frac{5}{3}$