



**Find the slope.**

**Ex)**  $-5x + y = -2$   
 $y = 5x - 2$

**Ex)**  $-9x + y = +3$   
 $y = 9x + 3$

**Answers**

Ex.  $\frac{5}{1}$

Ex.  $\frac{9}{1}$

1)  $-3x + 9y = 36$

2)  $7x - y = -3$

1. \_\_\_\_\_

3)  $-2x - 3y = -9$

4)  $1x + 8y = -48$

2. \_\_\_\_\_

5)  $3x + 9y = 36$

6)  $1x - 2y = -14$

3. \_\_\_\_\_

7)  $8x - y = +4$

8)  $-6x + y = -3$

4. \_\_\_\_\_

9)  $-2x + 8y = -64$

10)  $-3x - 7y = -14$

5. \_\_\_\_\_

11)  $-6x + 2y = -16$

12)  $-8x - y = -8$

6. \_\_\_\_\_

13)  $-8x - 3y = 3$

14)  $-5x + 2y = 2$

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_



Find the slope.

Ex)  $-5x + y = -2$   
 $y = 5x - 2$

Ex)  $-9x + y = +3$   
 $y = 9x + 3$

1)  $-3x + 9y = 36$   
 $9y = 3x + 36$   
 $y = \frac{1}{3}x + 4$

2)  $7x - y = -3$   
 $-y = -7x - 3$   
 $y = 7x + 3$

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

4)  $1x + 8y = -48$   
 $8y = -1x - 48$   
 $y = -\frac{1}{8}x - 6$

5)  $3x + 9y = 36$   
 $9y = -3x + 36$   
 $y = -\frac{1}{3}x + 4$

6)  $1x - 2y = -14$   
 $-2y = -1x - 14$   
 $y = \frac{1}{2}x + 7$

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

8)  $-6x + y = -3$   
 $y = 6x - 3$

9)  $-2x + 8y = -64$   
 $8y = 2x - 64$   
 $y = \frac{1}{4}x - 8$

10)  $-3x - 7y = -14$   
 $-7y = 3x - 14$   
 $y = -\frac{3}{7}x + 2$

11)  $-6x + 2y = -16$   
 $2y = 6x - 16$   
 $y = \frac{3}{1}x - 8$

12)  $-8x - y = -8$   
 $-y = 8x - 8$   
 $y = -8x + 8$

13)  $-8x - 3y = 3$   
 $-3y = 8x + 3$   
 $y = -\frac{8}{3}x - 1$

14)  $-5x + 2y = 2$   
 $2y = 5x + 2$   
 $y = \frac{5}{2}x + 1$

**Answers**

Ex.  $\frac{5}{1}$

Ex.  $\frac{9}{1}$

1.  $\frac{3}{9}$

2.  $\frac{7}{1}$

3.  $-\frac{2}{3}$

4.  $-\frac{1}{8}$

5.  $-\frac{3}{9}$

6.  $\frac{1}{2}$

7.  $\frac{8}{1}$

8.  $\frac{6}{1}$

9.  $\frac{2}{8}$

10.  $-\frac{3}{7}$

11.  $\frac{6}{2}$

12.  $-\frac{8}{1}$

13.  $-\frac{8}{3}$

14.  $\frac{5}{2}$