



**Find the slope.**

**Ex)**  $4x + 6y = 24$   
 $6y = -4x + 24$   
 $y = -\frac{4}{6}x + 4$

**Ex)**  $-2x + 7y = 28$   
 $7y = 2x + 28$   
 $y = \frac{2}{7}x + 4$

**1)**  $-9x - 7y = 63$

**2)**  $7x + 5y = -10$

**3)**  $-2x + 9y = -72$

**4)**  $7x - y = -7$

**5)**  $-9x - 2y = -8$

**6)**  $4x - 9y = 63$

**7)**  $1x + 8y = -56$

**8)**  $-5x + 3y = -15$

**9)**  $2x - 3y = -27$

**10)**  $5x + y = -7$

**11)**  $-6x - 9y = 18$

**12)**  $-8x - 3y = 9$

**13)**  $-7x - 4y = -24$

**14)**  $4x + 6y = 42$

**Answers**

Ex.  $\frac{-4}{6}$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Find the slope.

Ex)  $4x + 6y = 24$   
 $6y = -4x + 24$   
 $y = -\frac{4}{6}x + 4$

Ex)  $-2x + 7y = 28$   
 $7y = 2x + 28$   
 $y = \frac{2}{7}x + 4$

1)  $-9x - 7y = 63$   
 $-7y = 9x + 63$   
 $y = -\frac{9}{7}x - 9$

2)  $7x + 5y = -10$   
 $5y = -7x - 10$   
 $y = -\frac{7}{5}x - 2$

3)  $-2x + 9y = -72$   
 $9y = 2x - 72$   
 $y = \frac{2}{9}x - 8$

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

5)  $-9x - 2y = -8$   
 $-2y = 9x - 8$   
 $y = -\frac{9}{2}x + 4$

6)  $4x - 9y = 63$   
 $-9y = -4x + 63$   
 $y = \frac{4}{9}x - 7$

7)  $1x + 8y = -56$   
 $8y = -1x - 56$   
 $y = -\frac{1}{8}x - 7$

8)  $-5x + 3y = -15$   
 $3y = 5x - 15$   
 $y = \frac{5}{3}x - 5$

9)  $2x - 3y = -27$   
 $-3y = -2x - 27$   
 $y = \frac{2}{3}x + 9$

10)  $5x + y = -7$   
 $y = -5x - 7$

11)  $-6x - 9y = 18$   
 $-9y = 6x + 18$   
 $y = -\frac{6}{9}x - 2$

12)  $-8x - 3y = 9$   
 $-3y = 8x + 9$   
 $y = -\frac{8}{3}x - 3$

13)  $-7x - 4y = -24$   
 $-4y = 7x - 24$   
 $y = -\frac{7}{4}x + 6$

14)  $4x + 6y = 42$   
 $6y = -4x + 42$   
 $y = -\frac{4}{6}x + 7$

Answers

Ex.  $-\frac{4}{6}$

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

1.  $-\frac{9}{7}$

2.  $-\frac{7}{5}$

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

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

5.  $-\frac{9}{2}$

6.  $\frac{4}{9}$

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

8.  $\frac{5}{3}$

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

10.  $-\frac{5}{1}$

11.  $-\frac{6}{9}$

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

13.  $-\frac{7}{4}$

14.  $-\frac{4}{6}$