



**Find the slope.**

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

**Ex)**  $5x + 9y = -27$   
 $9y = -5x - 27$   
 $y = -\frac{5}{9}x - 3$

**1)**  $4x + y = -6$

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

**3)**  $4x + y = -3$

**4)**  $2x - y = -1$

**5)**  $-9x + 9y = -63$

**6)**  $-6x + 7y = 42$

**7)**  $-1x - 2y = -2$

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

**9)**  $3x - y = -5$

**10)**  $-3x - 8y = 56$

**11)**  $9x + y = +5$

**12)**  $-3x + 7y = -7$

**13)**  $6x - 8y = -8$

**14)**  $1x + 4y = 12$

**Answers**

Ex.  $\frac{-6}{3}$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Find the slope.

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

Ex)  $5x + 9y = -27$   
 $9y = -5x - 27$   
 $y = -\frac{5}{9}x - 3$

1)  $4x + y = -6$   
 $y = -4x - 6$

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

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

4)  $2x - y = -1$   
 $-y = -2x - 1$   
 $y = 2x + 1$

5)  $-9x + 9y = -63$   
 $9y = 9x - 63$   
 $y = \frac{9}{9}x - 7$

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

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

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

9)  $3x - y = -5$   
 $-y = -3x - 5$   
 $y = 3x + 5$

10)  $-3x - 8y = 56$   
 $-8y = 3x + 56$   
 $y = -\frac{3}{8}x - 7$

11)  $9x + y = +5$   
 $y = -9x + 5$

12)  $-3x + 7y = -7$   
 $7y = 3x - 7$   
 $y = \frac{3}{7}x - 1$

13)  $6x - 8y = -8$   
 $-8y = -6x - 8$   
 $y = \frac{6}{8}x + 1$

14)  $1x + 4y = 12$   
 $4y = -1x + 12$   
 $y = -\frac{1}{4}x + 3$

Answers

Ex.  $\frac{-6}{3}$

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

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

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

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

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

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

6.  $\frac{6}{7}$

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

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

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

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

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

12.  $\frac{3}{7}$

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

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



**Find the slope.**

**Ex)**  $-3x + y = -2$   
 $y = 3x - 2$

**Ex)**  $1x - 7y = 28$   
 $-7y = -1x + 28$   
 $y = \frac{1}{7}x - 4$

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

**2)**  $6x - y = - 3$

**3)**  $1x - 2y = - 14$

**4)**  $-9x + 2y = - 14$

**5)**  $5x - 7y = 42$

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

**7)**  $-9x - y = - 4$

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

**9)**  $1x - 4y = - 36$

**10)**  $-8x - 9y = 45$

**11)**  $-4x - y = - 9$

**12)**  $8x + y = + 5$

**13)**  $-1x + 6y = - 54$

**14)**  $2x - y = + 8$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Find the slope.

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

Ex)  $1x - 7y = 28$   
 $-7y = -1x + 28$   
 $y = \frac{1}{7}x - 4$

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

2)  $6x - y = -3$   
 $-y = -6x - 3$   
 $y = 6x + 3$

3)  $1x - 2y = -14$   
 $-2y = -1x - 14$   
 $y = \frac{1}{2}x + 7$

4)  $-9x + 2y = -14$   
 $2y = 9x - 14$   
 $y = \frac{9}{2}x - 7$

5)  $5x - 7y = 42$   
 $-7y = -5x + 42$   
 $y = \frac{5}{7}x - 6$

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

7)  $-9x - y = -4$   
 $-y = 9x - 4$   
 $y = -9x + 4$

8)  $5x - y = +5$   
 $-y = -5x + 5$   
 $y = 5x - 5$

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

10)  $-8x - 9y = 45$   
 $-9y = 8x + 45$   
 $y = -\frac{8}{9}x - 5$

11)  $-4x - y = -9$   
 $-y = 4x - 9$   
 $y = -4x + 9$

12)  $8x + y = +5$   
 $y = -8x + 5$

13)  $-1x + 6y = -54$   
 $6y = 1x - 54$   
 $y = \frac{1}{6}x - 9$

14)  $2x - y = +8$   
 $-y = -2x + 8$   
 $y = 2x - 8$

Answers

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

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

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

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

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

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

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

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

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

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

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

10.  $-\frac{8}{9}$

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

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

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

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



**Find the slope.**

**Ex)**  $4x + y = + 2$   
 $y = -4x + 2$

**Ex)**  $-8x - y = - 8$   
 $-y = 8x - 8$   
 $y = -8x + 8$

**1)**  $5x + y = + 2$

**2)**  $-7x + 9y = - 9$

**3)**  $1x + 2y = - 8$

**4)**  $3x - 2y = - 14$

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

**6)**  $5x - 6y = - 12$

**7)**  $3x + y = + 9$

**8)**  $-9x + 9y = 81$

**9)**  $5x + 7y = 49$

**10)**  $4x - 6y = 54$

**11)**  $5x - y = - 8$

**12)**  $-5x + 9y = - 63$

**13)**  $9x - y = - 3$

**14)**  $-4x - y = - 4$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Find the slope.

Ex)  $4x + y = + 2$   
 $y = -4x + 2$

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

1)  $5x + y = + 2$   
 $y = -5x + 2$

2)  $-7x + 9y = - 9$   
 $9y = 7x - 9$   
 $y = \frac{7}{9}x - 1$

3)  $1x + 2y = - 8$   
 $2y = -1x - 8$   
 $y = -\frac{1}{2}x - 4$

4)  $3x - 2y = - 14$   
 $-2y = -3x - 14$   
 $y = \frac{3}{2}x + 7$

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

6)  $5x - 6y = - 12$   
 $-6y = -5x - 12$   
 $y = \frac{5}{6}x + 2$

7)  $3x + y = + 9$   
 $y = -3x + 9$

8)  $-9x + 9y = 81$   
 $9y = 9x + 81$   
 $y = \frac{9}{9}x + 9$

9)  $5x + 7y = 49$   
 $7y = -5x + 49$   
 $y = -\frac{5}{7}x + 7$

10)  $4x - 6y = 54$   
 $-6y = -4x + 54$   
 $y = \frac{4}{6}x - 9$

11)  $5x - y = - 8$   
 $-y = -5x - 8$   
 $y = 5x + 8$

12)  $-5x + 9y = - 63$   
 $9y = 5x - 63$   
 $y = \frac{5}{9}x - 7$

13)  $9x - y = - 3$   
 $-y = -9x - 3$   
 $y = 9x + 3$

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

Answers

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

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

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

2.  $\frac{7}{9}$

3.  $\frac{-1}{2}$

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

5.  $\frac{-2}{1}$

6.  $\frac{5}{6}$

7.  $\frac{-3}{1}$

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

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

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

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

12.  $\frac{5}{9}$

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

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



Find the slope.

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

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

Answers

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

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

1)  $-7x + y = -2$

2)  $1x - 8y = 56$

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

3)  $-2x - 4y = -8$

4)  $-3x - 8y = 16$

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

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

5)  $4x + 4y = -12$

6)  $-5x - 3y = -9$

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

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

7)  $-2x - 7y = 21$

8)  $-4x + y = +6$

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

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

9)  $9x + y = -5$

10)  $8x - 6y = 30$

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

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

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

12)  $4x + 6y = -42$

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

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

13)  $-6x - y = +9$

14)  $-4x - 3y = 12$

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

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

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



**Find the slope.**

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

**Ex)**  $2x - y = +7$   
 $-y = -2x + 7$   
 $y = 2x - 7$

**1)**  $-7x + y = -2$   
 $y = 7x - 2$

**2)**  $1x - 8y = 56$   
 $-8y = -1x + 56$   
 $y = \frac{1}{8}x - 7$

**3)**  $-2x - 4y = -8$   
 $-4y = 2x - 8$   
 $y = -\frac{2}{4}x + 2$

**4)**  $-3x - 8y = 16$   
 $-8y = 3x + 16$   
 $y = -\frac{3}{8}x - 2$

**5)**  $4x + 4y = -12$   
 $4y = -4x - 12$   
 $y = -\frac{4}{4}x - 3$

**6)**  $-5x - 3y = -9$   
 $-3y = 5x - 9$   
 $y = -\frac{5}{3}x + 3$

**7)**  $-2x - 7y = 21$   
 $-7y = 2x + 21$   
 $y = -\frac{2}{7}x - 3$

**8)**  $-4x + y = +6$   
 $y = 4x + 6$

**9)**  $9x + y = -5$   
 $y = -9x - 5$

**10)**  $8x - 6y = 30$   
 $-6y = -8x + 30$   
 $y = \frac{8}{6}x - 5$

**11)**  $-2x + y = +2$   
 $y = 2x + 2$

**12)**  $4x + 6y = -42$   
 $6y = -4x - 42$   
 $y = -\frac{4}{6}x - 7$

**13)**  $-6x - y = +9$   
 $-y = 6x + 9$   
 $y = -6x - 9$

**14)**  $-4x - 3y = 12$   
 $-3y = 4x + 12$   
 $y = -\frac{4}{3}x - 4$

**Answers**

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

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

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

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

3.  $\frac{-2}{4}$

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

5.  $\frac{-4}{4}$

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

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

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

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

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

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

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

13.  $\frac{-6}{1}$

14.  $\frac{-4}{3}$





**Find the slope.**

**Ex)**  $5x - y = -6$   
 $-y = -5x - 6$   
 $y = 5x + 6$

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

**1)**  $3x + y = +3$

**2)**  $-4x + y = -1$

**3)**  $-4x - 6y = 24$

**4)**  $-2x - y = +4$

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

**6)**  $-6x - y = -8$

**7)**  $1x - y = +4$

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

**9)**  $-9x - 2y = 16$

**10)**  $2x - 4y = -4$

**11)**  $-9x - 7y = -21$

**12)**  $8x + y = -4$

**13)**  $-2x + 8y = -56$

**14)**  $-7x + y = -1$

**Answers**

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

Ex.  $\frac{-4}{9}$

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Find the slope.

Ex)  $5x - y = -6$   
 $-y = -5x - 6$   
 $y = 5x + 6$

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

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

2)  $-4x + y = -1$   
 $y = 4x - 1$

3)  $-4x - 6y = 24$   
 $-6y = 4x + 24$   
 $y = -\frac{4}{6}x - 4$

4)  $-2x - y = +4$   
 $-y = 2x + 4$   
 $y = -2x - 4$

5)  $-5x - 2y = 14$   
 $-2y = 5x + 14$   
 $y = -\frac{5}{2}x - 7$

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

7)  $1x - y = +4$   
 $-y = -1x + 4$   
 $y = 1x - 4$

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

9)  $-9x - 2y = 16$   
 $-2y = 9x + 16$   
 $y = -\frac{9}{2}x - 8$

10)  $2x - 4y = -4$   
 $-4y = -2x - 4$   
 $y = \frac{2}{4}x + 1$

11)  $-9x - 7y = -21$   
 $-7y = 9x - 21$   
 $y = -\frac{9}{7}x + 3$

12)  $8x + y = -4$   
 $y = -8x - 4$

13)  $-2x + 8y = -56$   
 $8y = 2x - 56$   
 $y = \frac{2}{8}x - 7$

14)  $-7x + y = -1$   
 $y = 7x - 1$

Answers

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

Ex.  $-\frac{4}{9}$

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

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

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

4.  $-\frac{2}{1}$

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

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

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

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

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

10.  $\frac{2}{4}$

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

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

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

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



**Find the slope.**

**Ex)**  $9x + 7y = 49$   
 $7y = -9x + 49$   
 $y = -\frac{9}{7}x + 7$

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

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

**2)**  $-4x + y = -2$

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

**4)**  $-6x - y = -5$

**5)**  $-9x - 4y = -20$

**6)**  $-2x - 7y = 7$

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

**8)**  $-7x + 8y = 72$

**9)**  $6x - y = -7$

**10)**  $-9x + y = -8$

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

**12)**  $-2x + y = -4$

**13)**  $3x + 2y = 8$

**14)**  $7x + 9y = 45$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Find the slope.

Ex)  $9x + 7y = 49$   
 $7y = -9x + 49$   
 $y = -\frac{9}{7}x + 7$

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

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

2)  $-4x + y = -2$   
 $y = 4x - 2$

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

4)  $-6x - y = -5$   
 $-y = 6x - 5$   
 $y = -6x + 5$

5)  $-9x - 4y = -20$   
 $-4y = 9x - 20$   
 $y = -\frac{9}{4}x + 5$

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

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

8)  $-7x + 8y = 72$   
 $8y = 7x + 72$   
 $y = \frac{7}{8}x + 9$

9)  $6x - y = -7$   
 $-y = -6x - 7$   
 $y = 6x + 7$

10)  $-9x + y = -8$   
 $y = 9x - 8$

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

12)  $-2x + y = -4$   
 $y = 2x - 4$

13)  $3x + 2y = 8$   
 $2y = -3x + 8$   
 $y = -\frac{3}{2}x + 4$

14)  $7x + 9y = 45$   
 $9y = -7x + 45$   
 $y = -\frac{7}{9}x + 5$

Answers

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

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

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

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

3.  $-\frac{2}{1}$

4.  $-\frac{6}{1}$

5.  $-\frac{9}{4}$

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

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

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

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

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

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

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

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

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



Find the slope.

Ex)  $-5x + y = + 4$   
 $y = 5x + 4$

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

Answers

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

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

1)  $8x - 6y = 18$

2)  $2x - 3y = - 21$

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

3)  $9x - y = - 7$

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

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

5)  $8x - y = - 1$

6)  $4x + 9y = - 81$

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

7)  $9x - 6y = 12$

8)  $-6x - 4y = 24$

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

9)  $-7x + y = + 2$

10)  $-7x + 6y = - 6$

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

11)  $3x + 3y = - 3$

12)  $9x + y = + 2$

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

13)  $-9x - y = - 6$

14)  $-9x - y = - 8$

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

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

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

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

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

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

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

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



Find the slope.

Ex)  $-5x + y = + 4$   
 $y = 5x + 4$

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

1)  $8x - 6y = 18$   
 $-6y = -8x + 18$   
 $y = \frac{8}{6}x - 3$

2)  $2x - 3y = - 21$   
 $-3y = -2x - 21$   
 $y = \frac{2}{3}x + 7$

3)  $9x - y = - 7$   
 $-y = -9x - 7$   
 $y = 9x + 7$

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

5)  $8x - y = - 1$   
 $-y = -8x - 1$   
 $y = 8x + 1$

6)  $4x + 9y = - 81$   
 $9y = -4x - 81$   
 $y = -\frac{4}{9}x - 9$

7)  $9x - 6y = 12$   
 $-6y = -9x + 12$   
 $y = \frac{9}{6}x - 2$

8)  $-6x - 4y = 24$   
 $-4y = 6x + 24$   
 $y = -\frac{6}{4}x - 6$

9)  $-7x + y = + 2$   
 $y = 7x + 2$

10)  $-7x + 6y = - 6$   
 $6y = 7x - 6$   
 $y = \frac{7}{6}x - 1$

11)  $3x + 3y = - 3$   
 $3y = -3x - 3$   
 $y = -\frac{3}{3}x - 1$

12)  $9x + y = + 2$   
 $y = -9x + 2$

13)  $-9x - y = - 6$   
 $-y = 9x - 6$   
 $y = -9x + 6$

14)  $-9x - y = - 8$   
 $-y = 9x - 8$   
 $y = -9x + 8$

**Answers**

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

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

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

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

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

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

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

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

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

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

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

10.  $\frac{7}{6}$

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

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

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

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



**Find the slope.**

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

**Ex)**  $-9x + 7y = -56$   
 $7y = 9x - 56$   
 $y = \frac{9}{7}x - 8$

**Answers**

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

Ex.  $\frac{9}{7}$

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

**2)**  $-3x + 2y = 12$

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

**3)**  $1x + 8y = -8$

**4)**  $2x + 4y = 36$

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

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

**6)**  $-4x - y = -1$

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

**7)**  $-1x + 4y = 20$

**8)**  $-4x - 3y = -27$

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

**9)**  $-1x + y = -2$

**10)**  $-1x + y = -5$

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

**11)**  $4x - 4y = 28$

**12)**  $-8x - 7y = 63$

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

**13)**  $-5x + 7y = -28$

**14)**  $-9x + 7y = -14$

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

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

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

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

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

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

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

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



Find the slope.

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

Ex)  $-9x + 7y = -56$   
 $7y = 9x - 56$   
 $y = \frac{9}{7}x - 8$

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

2)  $-3x + 2y = 12$   
 $2y = 3x + 12$   
 $y = \frac{3}{2}x + 6$

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

4)  $2x + 4y = 36$   
 $4y = -2x + 36$   
 $y = -\frac{2}{4}x + 9$

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

6)  $-4x - y = -1$   
 $-y = 4x - 1$   
 $y = -4x + 1$

7)  $-1x + 4y = 20$   
 $4y = 1x + 20$   
 $y = \frac{1}{4}x + 5$

8)  $-4x - 3y = -27$   
 $-3y = 4x - 27$   
 $y = -\frac{4}{3}x + 9$

9)  $-1x + y = -2$   
 $y = 1x - 2$

10)  $-1x + y = -5$   
 $y = 1x - 5$

11)  $4x - 4y = 28$   
 $-4y = -4x + 28$   
 $y = \frac{4}{4}x - 7$

12)  $-8x - 7y = 63$   
 $-7y = 8x + 63$   
 $y = -\frac{8}{7}x - 9$

13)  $-5x + 7y = -28$   
 $7y = 5x - 28$   
 $y = \frac{5}{7}x - 4$

14)  $-9x + 7y = -14$   
 $7y = 9x - 14$   
 $y = \frac{9}{7}x - 2$

Answers

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

Ex.  $\frac{9}{7}$

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

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

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

4.  $\frac{-2}{4}$

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

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

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

8.  $\frac{-4}{3}$

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

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

11.  $\frac{4}{4}$

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

13.  $\frac{5}{7}$

14.  $\frac{9}{7}$





Find the slope.

Ex)  $3x - y = -5$   
 $-y = -3x - 5$   
 $y = 3x + 5$

Ex)  $2x - 9y = 45$   
 $-9y = -2x + 45$   
 $y = \frac{2}{9}x - 5$

Answers

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

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

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

2)  $5x + 3y = -9$

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

3)  $-2x + 6y = 54$

4)  $-6x + y = +7$

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

5)  $-1x + 7y = 49$

6)  $7x + y = -3$

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

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

8)  $-7x + y = -3$

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

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

10)  $5x - 9y = -9$

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

11)  $-5x - y = -9$

12)  $1x + 4y = 36$

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

13)  $7x + 9y = -9$

14)  $5x - 2y = 10$

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

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

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

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

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

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

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

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



Find the slope.

Ex)  $3x - y = -5$   
 $-y = -3x - 5$   
 $y = 3x + 5$

Ex)  $2x - 9y = 45$   
 $-9y = -2x + 45$   
 $y = \frac{2}{9}x - 5$

1)  $-6x - y = -1$   
 $-y = 6x - 1$   
 $y = -6x + 1$

2)  $5x + 3y = -9$   
 $3y = -5x - 9$   
 $y = -\frac{5}{3}x - 3$

3)  $-2x + 6y = 54$   
 $6y = 2x + 54$   
 $y = \frac{1}{3}x + 9$

4)  $-6x + y = +7$   
 $y = 6x + 7$

5)  $-1x + 7y = 49$   
 $7y = 1x + 49$   
 $y = \frac{1}{7}x + 7$

6)  $7x + y = -3$   
 $y = -7x - 3$

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

8)  $-7x + y = -3$   
 $y = 7x - 3$

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

10)  $5x - 9y = -9$   
 $-9y = -5x - 9$   
 $y = \frac{5}{9}x + 1$

11)  $-5x - y = -9$   
 $-y = 5x - 9$   
 $y = -5x + 9$

12)  $1x + 4y = 36$   
 $4y = -1x + 36$   
 $y = -\frac{1}{4}x + 9$

13)  $7x + 9y = -9$   
 $9y = -7x - 9$   
 $y = -\frac{7}{9}x - 1$

14)  $5x - 2y = 10$   
 $-2y = -5x + 10$   
 $y = \frac{5}{2}x - 5$

Answers

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

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

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

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

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

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

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

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

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

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

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

10.  $\frac{5}{9}$

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

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

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

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



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)  $-6x + 2y = -16$   
 $2y = 6x - 16$   
 $y = 3x - 8$

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.  $\frac{5}{2}$