



Calculating Slope

Name: _____

Find the slope.

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

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

1) $9x + 6y = - 12$

2) $7x - y = + 5$

3) $1x + 5y = 10$

4) $-9x + 3y = - 24$

5) $9x - 9y = 36$

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

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

8) $-9x - y = + 4$

9) $-1x - 7y = 49$

10) $9x + 9y = - 81$

11) $-5x + y = - 4$

12) $4x + 2y = - 8$

13) $8x - y = - 2$

14) $7x + y = + 3$

Answers

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____



Calculating Slope

Name: **Answer Key**

Find the slope.

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

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

1) $9x + 6y = -12$
 $6y = -9x - 12$
 $y = -\frac{9}{6}x - 2$

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

3) $1x + 5y = 10$
 $5y = -1x + 10$
 $y = -\frac{1}{5}x + 2$

4) $-9x + 3y = -24$
 $3y = 9x - 24$
 $y = \frac{9}{3}x - 8$

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

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

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

8) $-9x - y = +4$
 $-y = 9x + 4$
 $y = -9x - 4$

9) $-1x - 7y = 49$
 $-7y = 1x + 49$
 $y = -\frac{1}{7}x - 7$

10) $9x + 9y = -81$
 $9y = -9x - 81$
 $y = -\frac{9}{9}x - 9$

11) $-5x + y = -4$
 $y = 5x - 4$

12) $4x + 2y = -8$
 $2y = -4x - 8$
 $y = -\frac{4}{2}x - 4$

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

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

Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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