



Calculating Slope

Name: _____

Find the slope.

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

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

Answers

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

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

1) $5x + y = + 2$

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

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) $-4x - y = - 4$



Calculating Slope

Name: **Answer Key**

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