



Calculating Slope

Name: _____

Find the slope.

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

$-3y = 6x - 6$

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

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. _____

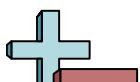
10. _____

11. _____

12. _____

13. _____

14. _____



Calculating Slope

Name: **Answer Key**

Find the slope.

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

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

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) $6x - 8y = -8$
 $-8y = -6x - 8$
 $y = \frac{3}{4}x + 1$

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