Calculating Slope

Name:

Find the slope.

Answers

Ex) $-5x - 8y = -72$

$-8y = 5x - 72$

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

Ex) $-1x - 4y = -36$

$-4y = 1x - 36$

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

Ex. $\quad -\frac{5}{8}$

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

1) $2x + y = -4$

2) $-5x - 5y = -35$

1. _____

2. _____

3. _____

3) $2x - y = -5$

4) $-6x - 7y = -28$

4. _____

5. _____

5) $-6x - 6y = -42$

6) $-2x - 9y = -18$

6. _____

7. _____

8. _____

7) $-6x + 7y = 14$

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

9. _____

10. _____

9) $4x - 6y = 18$

10) $-5x - 5y = 25$

11. _____

12. _____

13. _____

11) $-2x - 7y = 42$

12) $-9x + 7y = -49$

14. _____

13) $1x + 2y = 18$

14) $8x + 3y = -18$

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						

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Ex) $-5x - 8y = -72$

$-8y = 5x - 72$

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

Ex) $-1x - 4y = -36$

$-4y = 1x - 36$

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

Ex. $\dfrac{-5}{8}$

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

1) $2x + y = -4$

$y = -2x - 4$

2) $-5x - 5y = -35$

$-5y = 5x - 35$

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

1. $\dfrac{-2}{1}$

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

3) $2x - y = -5$

$-y = -2x - 5$

$y = 2x + 5$

4) $-6x - 7y = -28$

$-7y = 6x - 28$

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

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

4. $\dfrac{-6}{7}$

5) $-6x - 6y = -42$

$-6y = 6x - 42$

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

6) $-2x - 9y = -18$

$-9y = 2x - 18$

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

5. $\dfrac{-6}{6}$

6. $\dfrac{-2}{9}$

7) $-6x + 7y = 14$

$7y = 6x + 14$

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

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

$y = 6x - 8$

7. $\dfrac{6}{7}$

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

9) $4x - 6y = 18$

$-6y = -4x + 18$

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

10) $-5x - 5y = 25$

$-5y = 5x + 25$

$y = -\frac{5}{5}x - 5$

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

10. $\dfrac{-5}{5}$

11) $-2x - 7y = 42$

$-7y = 2x + 42$

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

12) $-9x + 7y = -49$

$7y = 9x - 49$

$y = \frac{9}{7}x - 7$

11. $\dfrac{-2}{7}$

12. $\dfrac{9}{7}$

13. $\dfrac{-1}{2}$

14. $\dfrac{-8}{3}$

13) $1x + 2y = 18$

$2y = -1x + 18$

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

14) $8x + 3y = -18$

$3y = -8x - 18$

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

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						