	Calculating Slope	Name:

Find the slope.

Ex) 6x + 3y = 21
3y = -6x + 21
y = -⁶⁄₃x + 7

Ex) -3x - 6y = 36
-6y = 3x + 36
y = -³⁄₆x - 6

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

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

1) 8x - y = + 9

2) -8x + y = - 6

1. _____

2. _____

3. _____

3) -4x + y = - 6

4) 7x - 8y = - 16

4. _____

5. _____

5) -9x + 9y = - 36

6) -3x - 7y = - 49

6. _____

7. _____

8. _____

7) -2x + y = - 1

8) 1x - y = - 5

9. _____

10. _____

11. _____

9) 9x - y = - 7

10) -1x + y = + 3

12. _____

13. _____

11) 5x + 9y = 81

12) 2x + 6y = - 54

14. _____

13) 2x + 3y = - 12

14) 5x - 9y = 63

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

Find the slope.

Ex) $6x + 3y = 21$

$3y = -6x + 21$

$y = -\frac{6}{3}x + 7$

Ex) $-3x - 6y = 36$

$-6y = 3x + 36$

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

1) $8x - y = +9$

$-y = -8x + 9$

$y = 8x - 9$

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

$y = 8x - 6$

3) $-4x + y = -6$

$y = 4x - 6$

4) $7x - 8y = -16$

$-8y = -7x - 16$

$y = \frac{7}{8}x + 2$

5) $-9x + 9y = -36$

$9y = 9x - 36$

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

6) $-3x - 7y = -49$

$-7y = 3x - 49$

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

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

$y = 2x - 1$

8) $1x - y = -5$

$-y = -1x - 5$

$y = 1x + 5$

9) $9x - y = -7$

$-y = -9x - 7$

$y = 9x + 7$

10) $-1x + y = +3$

$y = 1x + 3$

11) $5x + 9y = 81$

$9y = -5x + 81$

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

12) $2x + 6y = -54$

$6y = -2x - 54$

$y = -\frac{2}{6}x - 9$

13) $2x + 3y = -12$

$3y = -2x - 12$

$y = -\frac{2}{3}x - 4$

14) $5x - 9y = 63$

$-9y = -5x + 63$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Math

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