

Equation	Slope	y-intercept
a) $y = 4x - 2$	4	-2.
b) = 5x - 2 y = -5x+2	-5	2
c) $2y(3)=8x-5+3$ 2y=8x-2 y=4x-1	4	-1
d) $3(y+1)=2x+9$ 3(y+1)=2x+9 3(y+3)=2x+9 3(y+1)=2x+9 3(y+1)=2x+9 3(y+1)=2x+9 3(y+1)=2x+9 3(y+1)=2x+9 3(y+1)=2x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3(y+1)=3x+9 3	23	2
e) $\frac{1}{2}y + 2 = 2x + 1$ y + 4y = 4x + 2 - 4 y = 4x - 2	4	-2.
f) $3x + 5 = 2y - 5$ 2y - 5 = 3x + 5 + 5 2y = 3x + 10 3x + 5 = 2y - 5 3x + 5 + 5	3/2.	5.
g) $-5y = 10x - 20 + 1$ -5y = 10x - 19	-2	- <u>19</u> 5.

6.	a) The slope parallel to the x-axis is
7.	Determine the slope and the y-intercept for the graph of this equation

y=-2x-19	5.
a) The slope parallel to the x-axis is b) The slope perpendicular to the x-axis is c) The slope of a vertical line is d) The slope of a horizontal line is e) The perpendicular slope to 5 is	
Determine the slope and the y-intercept for the graph of this equation	on $(16x + 32) - 2y = 0$ $(y = mx + b)$
	W = 9 0

9. Determine the slope parallel to 
$$3(2y-1) = 12x+3$$

$$6y = 3 = 12x+3+3$$

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$$6y = 12x+3+6$$

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$$19(1-K) = 114$$

$$19-19K = 114-19$$

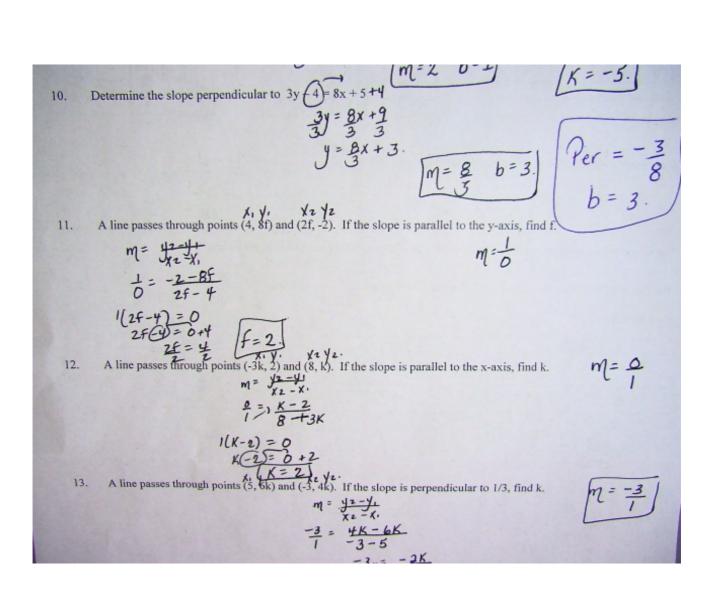
$$-19K = 95$$

$$-19 = 12$$

$$-19K = 95$$

$$-19K = -19$$

$$-1$$



13. A line passes through points (5, 6k) and (-3, 4k). If the slope is perpendicular to 1/3, find k.

$$m = \frac{y^2 - y_1}{x^2 - x_1}$$

$$-3 = \frac{4K - 6K}{3 - 5}$$
14. A line passes through R(6, 9) and K(-6, 15).

a) What is the slope of line RK?

b) What is the parallel slope?

c) What is the parallel slope?

(b)  $y = \frac{y^2 - y_1}{x^2 - x_1}$ 
 $y = \frac{y^2 - y_1}{x^2 - x_1$