

How am I doing?

Take two

1. What is the slope parallel to the x-axis? 0 or 0/1.
2. Perpendicular lines have opp. rec. slopes.
3. What is the slope perpendicular to $-8/3$? $3/8$
4. Parallel lines have the same slope.
5. The slope perpendicular $y = 4 - 8x$ $+ 1/8$.
6. The $3/5$ and $-25/15$ have perpendicular slopes.
7. The slope perpendicular to $y = -5/2x + 3$ $+ 2/5$.
8. The slope parallel to $y = 8x - 3$ 8 .
9. Calculate the slope of $(4, -3)$ $(8, 1)$. _____

$$= \frac{y_2 - y_1}{x_2 - x_1}$$
$$\frac{1 - (-3)}{8 - 4} = \frac{4}{4} = 1$$