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Math Worksheet: Slope (1)

1. Find the slopes of the lines passing through:

A. (2 , 4) and (2 , 5)

B. (0 , 9) and (3 , 9)

C. $(\frac{2}{3}, \frac{3}{2})$ and $(\frac{7}{3}, \frac{1}{2})$

2. Find parameter a so that the line passing through the points $(a, -3)$ and $(3, -2)$ is perpendicular to the line $x + y = 8$.

3. Are the lines $4x + 3y = 0$ and $8x + 6y = 7$ parallel, perpendicular or neither.

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