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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. (2 / 3 , 3 / 2) and (7 / 3 , 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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