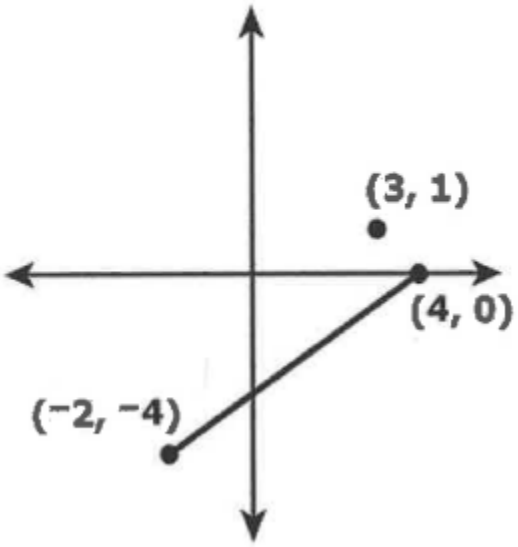
February ECR, answer **individually.** 30 minutes!

The longer base of a trapezoid has endpoints of $(-2, -4)$ and $(4, 0)$. The shorter base contains the point $(3, 1)$.



Part A:

What is the slope of the **longer** base of the trapezoid?

Show your work or explain how you found your answer.

Part B:

Write an equation for the shorter base of the trapezoid. Explain how you derived your equation.

Scoring Rubric:

Part A:

1 point for correct slope	
1 point for logical explanation (I found the rise and run and used rise/run) or logical use of formula	

Part B:

1 point for correct slope in equation	
1 point for correct y-intercept in slope-intercept form or correct point in point-slope form	
1 point for reasonable explanation, for example: I know the shorter base has the same slope as the longer slope and I used point-slope form to write the equation.	

Total points: Teacher comments:
