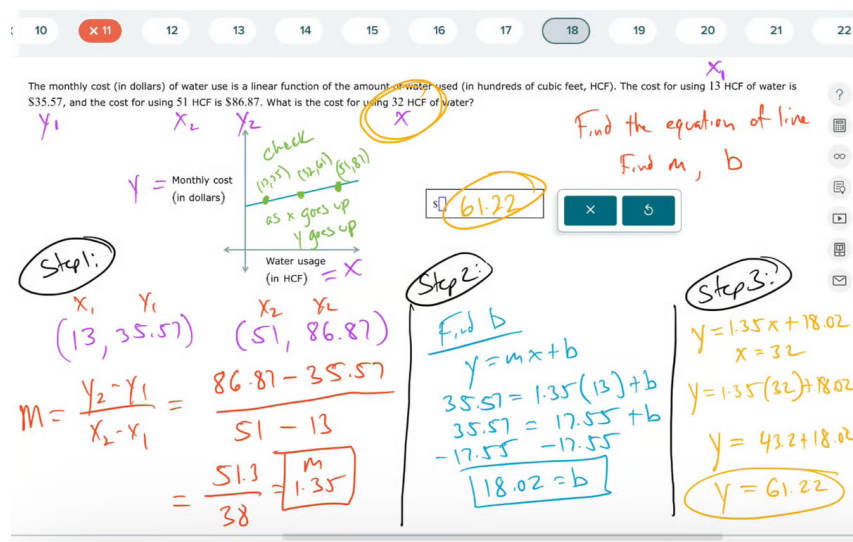
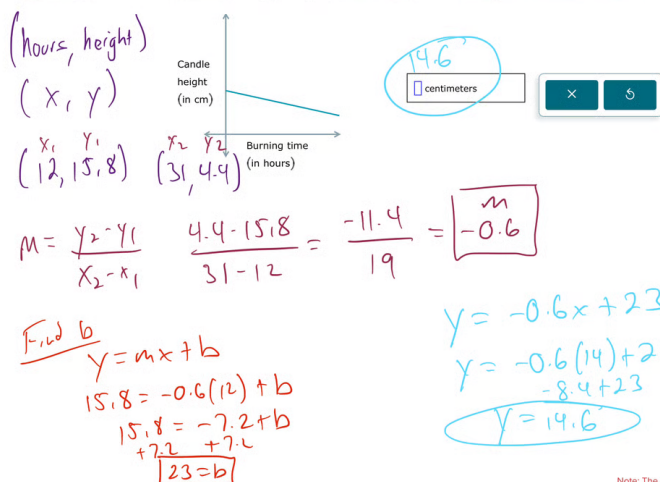


Algebra /

Application problem with a linear function: Finding a coordinate given...

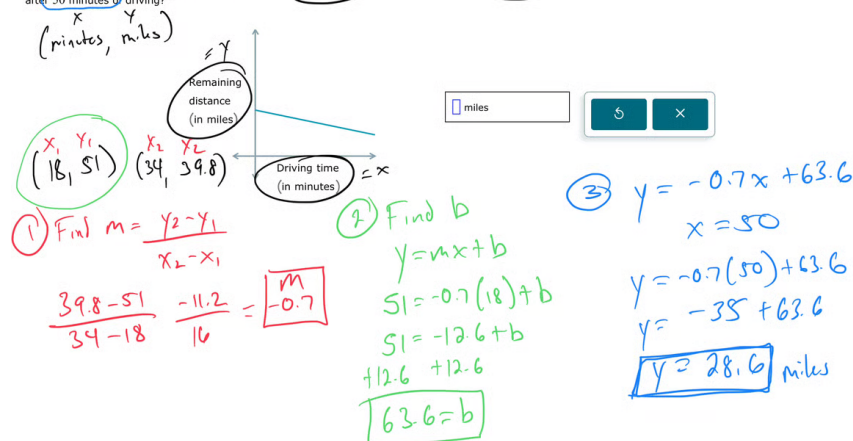
Application problem with a linear function: Finding a coordinate given two points

Suppose that the height (in centimeters) of a candle is a linear function of the amount of time (in hours) it has been burning. After 12 hours of burning, a candle has a height of 15.8 centimeters. After 31 hours of burning, its height is 4.4 centimeters. What is the height of the candle after 14 hours?



Application problem with a linear function: Finding a coordinate given two points

Lamar is driving to San Francisco. Suppose that the distance to his destination (in miles) is a linear function of his total driving time (in minutes). Lamar has 51 miles to his destination after 18 minutes of driving, and he has 39.8 miles to his destination after 34 minutes of driving. How many miles will he have to his destination after 50 minutes of driving?



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