

## Solve.

- 8. Ron walks from his house to the parking garage at a rate of 8 feet per second. The parking garage is 3960 feet from the house. The distance can be represented by the function D(x) = 8x, where x is the time, in seconds. Walking back to his house, Ron increases his speed by 25%.
  - a. Write a function to show the distance Ron is from the house as he walks back from the parking garage.\_\_\_\_
  - b. How far is Ron from his house 2 minutes after leaving the parking garage?

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