

Name _____

Date _____

Lesson 9: Representing Proportional Relationships with Equations

Exit Ticket

Oscar and Maria each wrote an equation that they felt represented the proportional relationship between distance in kilometers and distance in miles. One entry in the table paired 150 km with 93 miles. If k = number of kilometers and m = number of miles, who wrote the correct equation that would relate miles to kilometers? Explain why.

- a. Oscar wrote the equation $k = 1.61m$, and he said that the rate 1.61/1 represents miles per km.
- b. Maria wrote the equation $k = 0.62m$ as her equation, and she said that 0.62 represents miles per km.