Name _____   Date_____

Lesson 9: Using If-Then Moves in Solving Equations

Exit Ticket

1. Brand A scooter has a top speed that goes 2 miles per hour faster than Brand B. If after 3 hours, Brand A scooter traveled 24 miles, at what rate did Brand B scooter travel at its top speed? Write an equation to determine the solution. Identify the if-then moves used in your solution.

2. At each scooter's top speed, Brand A scooter goes 2 miles per hour faster than Brand B. If after 3 hours, Brand A scooter traveled 40.2 miles, at what rate did Brand B scooter travel? Write an equation to determine the solution and then write an equivalent equation using only integers.