

Unit 1 Day 1 Exit Ticket
Comparing Linear Functions

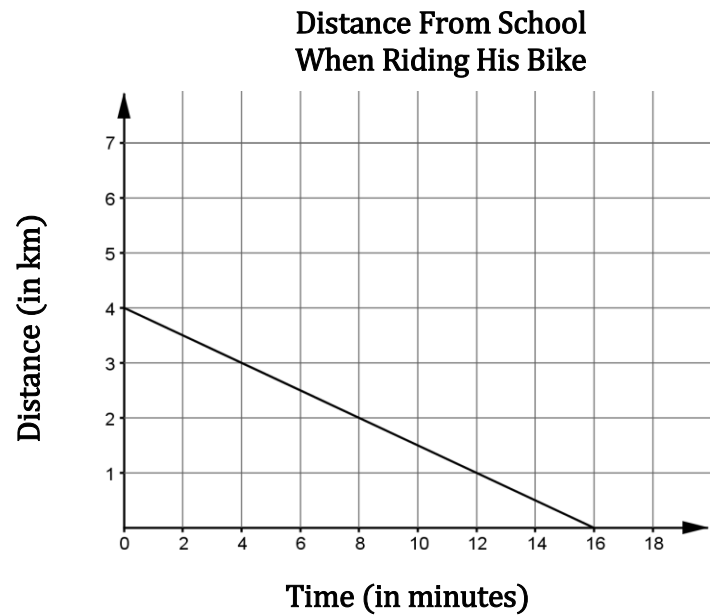
Name: _____

Date: _____

The graph models Jeremy's distance (in kilometers) from school (along the bike route) after t minutes on his bike.

The equation $d = -\frac{1}{2}t + 6$ models Jeremy's distance (in kilometers) from school (along the bus route) after t minutes on the bus.

1. Which mode of transportation travels farther to get to school? Explain how you determined this.



2. Which mode of transportation takes less time to get Jeremy to school? Show your work and justify your answer.