

1.5 Flipped Classroom Examples

Video Example: Mr. Cohen and Mr. Maher are on a road trip together. Mr. Cohen drives 60 miles per hour while delivering a package to a customer. On the return trip Mr. Maher drives an average of 50 miles per hour due to construction. The total driving time is 6.6 hours. How long does each trip take?

Example 1:

Mr. Valentine and Mr. Liso are on a road trip together. Mr. Valentine drives 65 miles per hour while delivering a textbook to a new school. On the return trip Mr. Liso drives more cautiously at an average of 40 miles per hour due to construction. The total driving time is 10.5 hours. How long does each trip take?

Example 2: (Homework #36)

A flight averages 460mph. The return flight averages 500mph due to a tailwind. The total flying time is 4.8 hours. How long is each flight? Explain.