

Travel Estimates Answer Key

1. $200 + 200 = 400$ miles
2. $40 + 30 = 70$ miles
3. $500 + 300 = 800$ miles
4. $70 + 20 = 90$ miles
5. $200 + 200 = 400$ miles
6. $60 + 40 + 20 = 120$ miles
7. $600 + 200 = 800$ miles
8. $90 + 50 + 40 = 180$ miles

Teacher's Guide

- Quick implementation tips
 - o Review the rounding place value before students begin each problem.
 - o Encourage students to round every distance first, then estimate the total.
 - o Discuss why travelers often use estimates when planning trips.
- Differentiation strategies
 - o Provide a place value chart or number line for students who need extra support.
 - o Pair students to compare and explain their rounding choices.
 - o Challenge advanced students to calculate both the estimated and exact totals.
- Engagement ideas
 - o Have students trace an imaginary road trip and record their estimated mileage.
 - o Ask students to predict whether each estimate is greater or less than the exact total before calculating.
- Extension activities
 - o Have students create their own travel itinerary with three distances for a classmate to estimate.
 - o Ask students to explain how using different place values, such as tens instead of hundreds, changes the estimate.