

Name _____



The Road Trip Rally (Distance)

Families and friends are taking part in a big road trip rally across the country! Each team must plan their routes carefully, track gas stops, and calculate how far they've gone-or how far is left. Use math and algebra to help them finish their journeys successfully.

- 1) The entire rally route is 1,200 km long. After driving x km, the team has 375 km left. Write and solve an equation to find x .
- 2) Team A drove 3 equal legs of 275 km each. How far did they travel in total?
- 3) The Blue Team's total trip was 980 km. If they drove 560 km on day one, how far did they have left?
- 4) A driver covered 150 km in the morning and x km in the afternoon. Her total distance was 430 km. Find x .
- 5) Team B drives 4 times farther than Team C, and together they travel 600 km. Write an equation and find how far each team drove.
- 6) Team C started at mile marker 125 and ended at mile marker 655. How far did they travel?
- 7) A family drives x km before lunch, 250 km after lunch, and finishes at 570 km total. Find x .
- 8) Team D splits the trip into 5 equal segments, each 180 km long. What is the total trip distance?
- 9) A car's odometer showed 45,680 km before the trip and 46,255 km after. How many kilometers were driven?
- 10) Team E drives x km per day for 5 days, covering 1,125 km in total. Find x .