

# Pull It All Together

7th

## TASK 1

Your neighbor's car uses  $2\frac{1}{4}$  gallons of gasoline to travel 45 miles. Your neighbor is planning a trip of 243 miles. How many gallons of gasoline will your neighbor need for the trip if the car continues to use gasoline at the same rate?

## TASK 2

Your neighbor needs  $12\frac{3}{20}$  gal of gasoline for a trip of 243 mi. The car's tank holds  $13\frac{1}{2}$  gal of gas.

- Write the ratio of the number of gallons needed to the number of gallons the gas tank can hold as a fraction in simplest form.
- If your neighbor needs to make this trip 10 times in a row, how many full tanks of gas will your neighbor need?