

AUTOMOTIVE TECHNOLOGY

RATIOS AND PROPORTIONS LESSON 4

- 1a. A boat can travel 252 miles on 28 gallons of gasoline. How far can it travel on 10 gallons?
- 1b. A car can travel 130 miles on 5 gallons of gasoline. How far can it travel on 3 gallons?
- 2a. A boat can travel 456 miles on 38 gallons of gasoline. How far can it travel on 6 gallons?
- 2b. 21 lbs of bananas cost \$147. How much would 43 lbs cost?
- 3a. A car can travel 255 miles on 15 gallons of gasoline. How far can it travel on 21 gallons?
- 3b. A boat travels 230 miles in 77 hours (with a constant speed). How far can it travel in 40 hours (with the same speed)?
- 4a. A boat can travel 320 miles on 32 gallons of gasoline. How far can it travel on 11 gallons?
- 4b. A car travels 450 miles in 8 hours (with a constant speed). How far can it travel in 2 hours (with the same speed)?
- 5a. A car can travel 364 miles on 13 gallons of gasoline. How far can it travel on 16 gallons?
- 5b. A boat can travel 183 miles on 61 gallons of gasoline. How far can it travel on 111 gallons?
- 6a. A car travels 360 miles in 12 hours (with a constant speed). How far can it travel in 11 hours (with the same speed)?
- 6b. A boat travels 116 miles in 10 hours (with a constant speed). How far can it travel in 19 hours (with the same speed)?