

Grade: 6 Category: Proportions Sub Category- Proportions word problems Worksheet #: 77 Q

- 1) A boat travels 143 km in 3 hours (with a constant speed). How far can it travel in 10 hours (with the same speed)?
- 2) A car can travel 377 miles on 13 gallons of gasoline. How far can it travel on 9 gallons?
- 3) Amber packs 25 boxes in 2 hours. How many boxes can she pack in 8-hour shift?
- 4) It took Anya 10 hours to walk a 30-mile trail. How long did it take her to walk 9 miles at the same speed?

- 5) The total weight of 15 boxes is 45 pounds. How much would 35 boxes weigh?
- 6) 13 candy bars weigh 26 ounces. What is the weight of 56 candy bars?
- 7) A car travels 204 km in 5 hours (with a constant speed). How far can it travel in 3 hours (with the same speed)?
- 8) A boat can travel 87 kilometers on 29 liters of gasoline. How far can it travel on 167 liters?

Grade: 6 Category: Proportions Sub Category- Proportions word problems Worksheet #: 77 A

- 1) A boat travels 143 km in 3 hours (with a constant speed). How far can it travel in 10 hours (with the same speed)? **ANSWERS: - 477 kilometers.**
- 2) A car can travel 377 miles on 13 gallons of gasoline. How far can it travel on 9 gallons? **ANSWERS: - 261 miles.**
- 3) Amber packs 25 boxes in 2 hours. How many boxes can she pack in 8-hour shift? **ANSWERS: - 100 boxes.**
- 4) It took Anya 10 hours to walk a 30-mile trail. How long did it take her to walk 9 miles at the same speed? **ANSWERS: - 3 hours.**

5)The total weight of 15 boxes is 45 pounds. How much would 35 boxes weigh?

ANSWERS: - 105 pounds.

6)13 candy bars weigh 26 ounces. What is the weight of 56 candy bars?

ANSWERS: - 112 ounces.

7)A car travels 204 km in 5 hours (with a constant speed). How far can it travel in 3 hours (with the same speed)? **ANSWERS: - 122 kilometers.**

8)A boat can travel 87 kilometers on 29 liters of gasoline. How far can it travel on 167 liters? **ANSWERS: - 501 kilometers.**