

# Multiplicative Comparison Number Stories

## Lesson 2-9

SRB  
56-57



NAME \_\_\_\_\_

DATE \_\_\_\_\_

TIME \_\_\_\_\_

Write an equation with an unknown and then solve. Use a diagram or drawing as needed.

- ① Wallace designed a 57-foot outdoor track for his remote control car. His outdoor track is 3 times as long as his indoor track. What is the measure of his indoor track?

Equation with unknown: \_\_\_\_\_

Answer: \_\_\_\_\_ feet

- ② Cindy's great aunt wouldn't tell Cindy her age, but she did say she was about 5 times as old as Cindy. If Cindy is 14, about how old is her great aunt?

Equation with unknown: \_\_\_\_\_

Answer: \_\_\_\_\_ years old

- ③ About how many times as fast is a peregrine falcon diving at 200 miles per hour as a human running at about 25 miles per hour?

Equation with unknown: \_\_\_\_\_

Answer: \_\_\_\_\_ times as fast

- ④ A horse can be about 7 times as heavy as an Arctic wolf. If an Arctic wolf weighs 176 pounds, about how much would a horse weigh?

Equation with unknown: \_\_\_\_\_

Answer: \_\_\_\_\_ pounds

- ⑤ A car trip to visit Meri's cousins takes 35 hours, including stops and sleeping. It is 7 times as long as the same trip in a plane. About how many hours is the flight?

Equation with unknown: \_\_\_\_\_

Answer: \_\_\_\_\_ hours

- ⑥ A goat requires about 5 liters of water per day. A dairy cow requires 13 times as much water as a goat. About how much water does a dairy cow require per day?

Equation with unknown: \_\_\_\_\_

Answer: \_\_\_\_\_ liters