

Unit 5: Multiplicative Comparison and Measurement

PRACTICE

Name: _____ Date: _____

Solve each problem. Show your work on scratch paper and write your final answer in the blank.

1. A red ribbon is 6 cm long. A blue ribbon is 4 times as long as the red ribbon. How long is the blue ribbon, in cm?

Answer: _____

2. Maya has 9 stickers. Her brother has 5 times as many stickers as Maya. How many stickers does her brother have?

Answer: _____

3. A cat weighs 3 kg. A dog weighs 7 times as much as the cat. How many kilograms does the dog weigh?

Answer: _____

4. A large tank holds 56 liters of water. That is 8 times as much as a small tank holds. How many liters does the small tank hold?

Answer: _____

5. Liam ran 45 meters. This is 9 times as far as Noah ran. How many meters did Noah run?

Answer: _____

6. Convert 5 meters to centimeters. (1 meter = 100 centimeters)

Answer: _____

7. Convert 4 kilograms to grams. (1 kilogram = 1000 grams)

Answer: _____

8. Convert 3 feet to inches. (1 foot = 12 inches)

Answer: _____

9. Convert 7 hours to minutes. (1 hour = 60 minutes)

Answer: _____

10. Convert 6 liters to milliliters. (1 liter = 1000 milliliters)

Answer: _____

11. A ball of string is 8 times as long as a 15 cm pencil. A rope is 20 cm longer than the string. How many cm long is the rope?

Answer: _____

12. A jug holds 2 liters of juice. How many 250-milliliter cups can be filled completely from the full jug? (1 liter = 1000 milliliters)

Answer: _____