

Unit 6: Measuring Length, Time, Liquid Volume, and Weight

ADVANCED · SET 3

Name: _____

Date: _____

Solve each problem. Show your work on scrap paper and write the short answer with its unit.

1. Maya's swim practice starts at 4:35 p.m. She swims for 55 minutes, rests for 20 minutes, then swims for 40 more minutes. What time does she finish?

Answer: _____

3. Ravi reads for 15 minutes on each of the 5 school days. He reads for 35 minutes on each of the 2 weekend days. How many minutes does Ravi read in the whole week?

Answer: _____

5. A tank has 5 liters 600 milliliters of water. The water is poured equally into 8 buckets. How many milliliters of water go into each bucket?

Answer: _____

7. A shelf is 1 meter 20 centimeters wide. Nina wants to stand 14 books on it. Each book is 9 centimeters thick. Do all 14 books fit on the shelf? Answer yes or no.

Answer: _____

9. A puppy has a mass of 4 kilograms 350 grams. A cat has a mass of 2,890 grams. How many grams heavier is the puppy than the cat?

Answer: _____

2. A movie ended at 7:12 p.m. The movie was 1 hour 47 minutes long. What time did the movie start?

Answer: _____

4. A cooler holds 4 liters of lemonade. Sam fills 8 cups. Each cup holds 275 milliliters. How many milliliters of lemonade are still in the cooler? (1 liter = 1,000 milliliters)

Answer: _____

6. A leaky tap drips 6 milliliters of water every minute. How many milliliters drip out in 1 hour 15 minutes?

Answer: _____

8. A box with 6 identical bricks inside weighs 2,400 grams. The empty box weighs 180 grams. What is the mass of one brick?

Answer: _____

10. On a balance scale, 4 identical toy cars balance a weight of 1 kilogram 80 grams. What is the mass of one toy car in grams?

Answer: _____

11. A ribbon is 2 meters 45 centimeters long. Omar cuts it into 5 equal pieces. How long is each piece in centimeters?

Answer: _____

12. A snail crawls 38 centimeters every hour. It crawls for 7 hours, then crawls 24 more centimeters. How many centimeters did the snail crawl in all?

Answer: _____