

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

ADVANCED

Name: _____ Date: _____

Show your work and write your final answer on the line. Watch your units.

1. A movie starts at 1:45 PM and lasts 2 hours 50 minutes. What time does it end? Give your answer in the form like 4:35 PM.

Answer: _____

3. A ribbon is 4 meters 15 centimeters long. A shorter ribbon is 1 meter 80 centimeters long. How many centimeters longer is the first ribbon than the second? (1 meter = 100 centimeters)

Answer: _____

5. Soccer practice began at 3:20 PM and ended at 5:05 PM. How many minutes did practice last?

Answer: _____

7. A watermelon weighs 2 kilograms 400 grams and a pineapple weighs 950 grams. What is their total weight in grams? (1 kilogram = 1000 grams)

Answer: _____

9. A tank holds 5 liters of water. It is filled equally into 8 bottles. How many milliliters of water go into each bottle? (1 liter = 1000 milliliters)

Answer: _____

2. A jug holds 3 liters of juice. Maria pours out 750 milliliters, then pours out another 1 liter 250 milliliters. How many milliliters of juice are left in the jug? (1 liter = 1000 milliliters)

Answer: _____

4. A box of 6 identical books weighs 3 kilograms 600 grams. How many grams does one book weigh? (1 kilogram = 1000 grams)

Answer: _____

6. A recipe needs 250 milliliters of milk. Ben is making 4 batches. He has a 1 liter carton of milk. After making all 4 batches, how many milliliters of milk are left? (1 liter = 1000 milliliters)

Answer: _____

8. A train ride is scheduled to take 3 hours 40 minutes. It departs at 9:50 AM. The train arrives 15 minutes late. What time does it actually arrive? Give your answer in the form like 1:00 PM.

Answer: _____

10. Three packages weigh 1 kilogram 250 grams, 875 grams, and 2 kilograms 100 grams. What is their combined weight in grams? (1 kilogram = 1000 grams)

Answer: _____

11. A candle burns 4 centimeters every hour. It is 30 centimeters tall. If it is lit at 6:00 PM, how many centimeters tall will it be at 9:30 PM?

Answer: _____

12. A water cooler starts with 12 liters. Each of 15 students fills a cup with 300 milliliters. How many milliliters of water are left in the cooler? (1 liter = 1000 milliliters)

Answer: _____