

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

ADVANCED · SET 2

Name: _____

Date: _____

Solve each problem and give your answer as a single number with its unit where asked. Show your work on scratch paper.

1. A ribbon is 2 m 45 cm long. You cut off 6 pieces that are each 38 cm long. How many centimeters of ribbon are left?

Answer: _____

2. A movie starts at 1:50 pm. It runs for 2 hours 35 minutes, then there are 20 more minutes of credits. Using a 24-hour style, at what time (hour and minutes, pm) does everything end? Give the answer as hour:minutes in 12-hour pm time.

Answer: _____

3. You have 3 jugs, each holding 1 L 250 mL of juice. You pour the juice into cups that each hold exactly 500 mL. How many cups can be filled completely?

Answer: _____

4. A bag holds 4 kg 200 g of flour. Each loaf of bread uses 350 g of flour. After making 9 loaves, how many grams of flour are left?

Answer: _____

5. A carpenter has 5 planks that are each 1 m 60 cm long and 3 planks that are each 95 cm long. What is the total length of all the planks in centimeters?

Answer: _____

6. A field trip begins at 9:45 am and ends at 2:20 pm. How many minutes long is the field trip?

Answer: _____

7. A bottle holds 2 L of water. A runner drinks 350 mL from it 4 times. How many milliliters of water are left in the bottle?

Answer: _____

8. One box weighs 3 kg 750 g. Another box weighs 2850 g. How many grams heavier is the first box than the second box?

Answer: _____

9. A straight fence is 12 m long. It is divided into sections that are each 150 cm long. How many sections are there?

Answer: _____

10. A swimmer takes 3 minutes 45 seconds to finish one lap. How many total seconds does it take to swim 8 laps at that pace?

Answer: _____

11. A tap fills 250 mL of water every 30 seconds. How many minutes does it take to fill a 3 L container at this rate?

Answer: _____

12. There are 6 bags of sand, each weighing 2 kg 400 g. The sand is split equally among 8 boxes. How many grams of sand are in each box?

Answer: _____