

Measure It Out

Add, subtract, and find elapsed time with measurements.

GRADE 3 • 3.MD.A

CCSS.Math.Content.3.MD.A "Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects."

NAME _____

DATE _____

USE THE SAME UNIT

Add measurements to find a total. Subtract measurements to find what is left or the difference. Make sure the measurements use the same unit before you solve.

WORKED EXAMPLE

A bucket holds 7 L of water. Then 5 L more water is poured in. How much water is in the bucket?

1. Start with 7 L.
2. Add 5 L.
3. $7 \text{ L} + 5 \text{ L} = 12 \text{ L}$.

Answer: 12 L

PRACTICE 6 problems

1 $238 \text{ g} + 141 \text{ g} = \underline{\hspace{2cm}} \text{ g}$

ANSWER _____

2 $850 \text{ mL} - 320 \text{ mL} = \underline{\hspace{2cm}} \text{ mL}$

ANSWER _____

- 3** A bag has 6 kg of rice. Then 3 kg is used.
How many kilograms of rice are left?

ANSWER _____

- 4** A class starts a science test at 1:20 and finishes at 1:48. How many minutes does the test last?

ANSWER _____

- 5** A movie starts at 9:00 and ends at 9:40.
How many minutes does the movie last?

ANSWER _____

- 6** Choose the best estimate for the amount of juice in a large pitcher: 1 mL or 1 L.

ANSWER _____

APPLY IT Show your work

- 1** The school garden collects 430 mL of rainwater on Monday and 260 mL on Tuesday. How much rainwater does it collect altogether?

WORK SPACE

ANSWER _____

- 2** A board game club starts at 2:18 and ends at 3:02. How long does the club meet?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A pet shelter has a 900 g bag of food. It gives 246 g to one pet and 318 g to another pet. How many grams of food are left? Show your steps.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	$238\text{ g} + 141\text{ g} = \underline{\hspace{1cm}}\text{ g}$	379 g
2	$850\text{ mL} - 320\text{ mL} = \underline{\hspace{1cm}}\text{ mL}$	530 mL
3	A bag has 6 kg of rice. Then 3 kg is used. How many kilograms of rice are left?	3 kg
4	A class starts a science test at 1:20 and finishes at 1:48. How many minutes does the test last?	28 minutes
5	A movie starts at 9:00 and ends at 9:40. How many minutes does the movie last?	40 minutes
6	Choose the best estimate for the amount of juice in a large pitcher: 1 mL or 1 L.	1 L

PART 2 • APPLY IT

- 690 mL** Add the two amounts of rainwater: $430 + 260 = 690$. The total is 690 mL.
- 44 minutes** Count 42 minutes from 2:18 to 3:00, then 2 more minutes to 3:02. The total time is 44 minutes.

CHALLENGE

336 g

Accept correct answers with the unit written in words or with the correct unit abbreviation. For the challenge, students may add the amounts used first, then subtract from 900 g.