

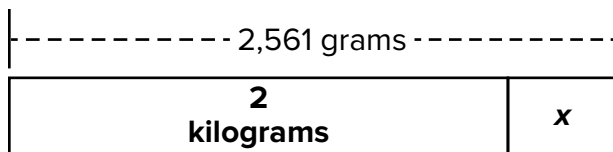
Unit 13

# Unit Assessment, Form B

Name \_\_\_\_\_

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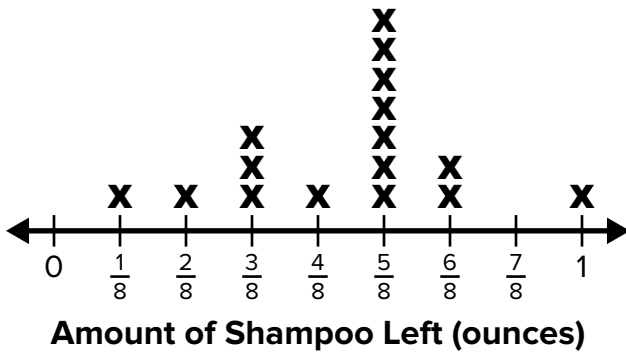
- Olivia rides her electric scooter 5 kilometers to the grocery store. How many meters does Olivia ride her scooter?  
**A.** 50,000 meters                      **B.** 5,000 meters  
**C.** 500 meters                          **D.** 50 meters
- Holling started soccer practice at 3:35. Practice finished at 4:50. How many minutes was soccer practice?
- Layla’s inflatable pool holds 38 gallons of water. How many pints does it hold?  
**A.** 152 pints                              **B.** 304 pints  
**C.** 380 pints                              **D.** 608 pints
- Sean makes a fruit basket for his teacher. After he puts fruit in, it weighs 8 pounds. How many ounces does it weigh?  
**A.** 128 ounces                          **B.** 80 ounces  
**C.** 24 ounces                              **D.** 8 ounces
- The cart can carry up to 2,561 grams. The books currently on the cart weigh 2 kilograms. How much more weight will the cart hold?



- A.** 2 grams                                  **B.** 327 grams  
**C.** 561 grams                              **D.** 2,561 grams

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6. The area of a basketball court is 4,700 square feet. The width of the court is 50 feet. What is the length of the court?
7. Adrian has mini shampoo bottles that he uses when he travels. He measures the amount of shampoo left in each bottle. The line plot shows the amount, in ounces, left in each bottle.



In ounces, what is the difference between the bottles with the least and the most shampoo left?

8. Compare. Choose  $<$ ,  $>$ , or  $=$ .

	$<$	$>$	$=$
170 minutes ____ 3 hours			
7 hours ____ 350 minutes			
280 seconds ____ 4 minutes			
2 minutes ____ 120 seconds			

9. Aaron makes 7 liters of fruit punch for a block party. How many milliliters of fruit punch does Aaron make?
- A.** 700 milliliters                      **B.** 70 milliliters  
**C.** 7 milliliters                          **D.** 7,000 milliliters
10. Savannah makes 32 quarts of lemonade for her lemonade stand. She sells 40 pints of lemonade in the morning. How much lemonade is left?

Unit 13  
**Unit Assessment, Form B** (continued)

Name .....

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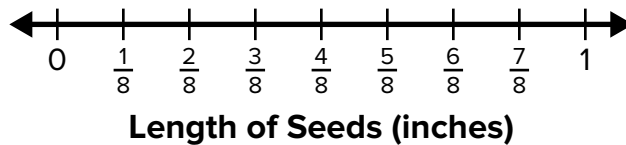
11. George practices his drums for  $1\frac{1}{2}$  hours every week. He keeps track of how long he practices each day in a log. How many more minutes does he need to practice this week?

Day of the Week	Minutes Practiced
Monday	21
Tuesday	23
Wednesday	18

12. Chana recorded the length of each flower seed she planted in the table.

Length of Flower Seeds (inches)						
$\frac{7}{8}$	$\frac{4}{8}$	$\frac{1}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{1}{8}$	$\frac{5}{8}$

- a. Represent the data on the line plot.



- b. Which statements about the line plot are true? Choose all that apply.

- A. The shortest seed is  $\frac{4}{8}$  inch long.
- B. There is 1 seed that is  $\frac{7}{8}$  inch long.
- C. No seeds have a length of  $\frac{6}{8}$  inch.
- D. There are 4 seeds greater than  $\frac{5}{8}$  inch long.

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- 13.** The perimeter of a rectangle table is 16 feet. List all the possible areas for the table.
- 14.** Zoe uses 52 feet of fence to enclose her flower garden. The width of the garden is 6 feet. What is the length of the garden? Write an equation to show your work.
- 15.** For a science project, Jessica designs a boat that can hold up to 4 kilograms without sinking. She stacks 9 boxes on her boat. Each box weighs 670 grams. Can Jessica safely stack all 9 boxes on her boat? Show your work and explain your answer.