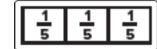
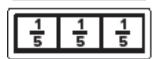
Unit Assessment, Form B

Name

1. Choose the representation that shows $3 \times \frac{4}{5} = \frac{12}{5}$.







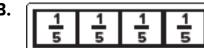
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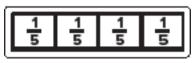




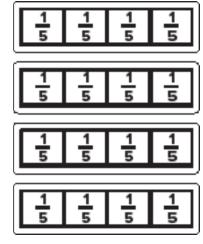








D.



- 2. Every year, Haniya makes her vegetable garden $\frac{1}{10}$ meter longer. How long, in meters, will the vegetable garden be after 6 years?
 - **A.** $\frac{1}{60}$ meter

B. $\frac{6}{60}$ meter

C. $\frac{6}{10}$ meter

- **D** $\frac{7}{10}$ meter
- **3.** Dylan builds model cars for $\frac{5}{6}$ hour after he finishes his chores. For 7 days, he builds model cars after doing his chores. How many hours does Dylan spend building model cars over the 7 days?
 - **A.** $\frac{35}{42}$ hour

B. 5 hours

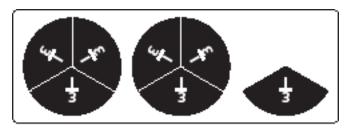
C. $5\frac{5}{6}$ hours

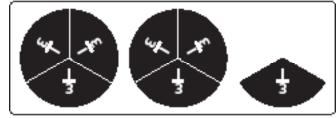
D. $6\frac{5}{6}$ hours

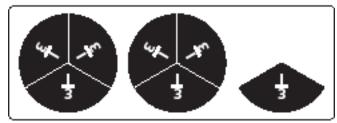
4. Write $\frac{5}{8}$ as a multiple of $\frac{1}{8}$.

$$\frac{5}{8} = \frac{1}{8}$$

5. True or False: The fraction circles correctly show $3 \times 2\frac{1}{3}$.







A. True

- **B.** False
- **6.** Spencer's chess club is $1\frac{1}{2}$ hours long. If he goes to 5 club meetings, how many hours does he spend at chess club?
 - **A.** $5\frac{1}{2}$ hours

B. 5 hours

C. $7\frac{1}{2}$ hours

- **D.** 8 hours
- **7.** Which of these are equivalent to $6 \times \frac{5}{8}$? Choose all that apply.
 - **A.** $\frac{11}{8}$

B. $6 \times 5 \times \frac{1}{8}$

c. $6+5+\frac{1}{8}$

D. $\frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8}$

E. $\frac{30}{8}$

F. $\frac{6}{6} \times \frac{5}{8}$

Unit **11**

Unit Assessment, Form B (continued)

Name

- **8.** Padma uses $2\frac{1}{4}$ cups of whole wheat flour to make sandwich buns. She makes 4 batches of sandwich buns each week. How much flour does she use after 4 weeks?
- **9a.** Fill in the missing number to find the product.

$$5 \times \frac{1}{3}$$

There are _____ equal groups of $\frac{1}{3}$.

b. Multiply.

$$5 \times \frac{1}{3} =$$

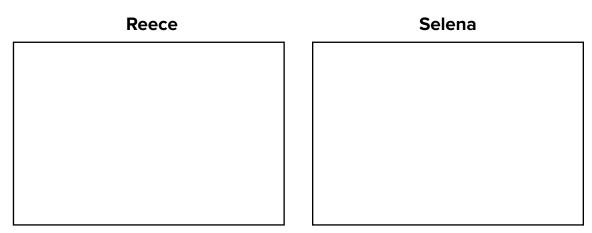
10. Anastasia makes 9 servings of salad. She uses $\frac{2}{4}$ cup of cherry tomatoes and $\frac{1}{4}$ cup of baby carrots per serving. How many cups of vegetables will she need for all 9 servings? Use the number line to solve.



- **A.** $\frac{3}{4}$ cup
- **B.** $2\frac{1}{4}$ cups
- **C.** $6\frac{3}{4}$ cups
- **D.** $4\frac{2}{4}$ cups
- **11.** Michelle picks $2\frac{5}{6}$ quarts of blackberries on Monday. On Tuesday, she picks 4 times as many blackberries as on Monday. How many quarts of blackberries did she pick on Tuesday?

- 12. Evan uses $\frac{2}{3}$ quart of compost in each of his 10 plants. How many quarts of compost does Evan use for his plants? Draw a fraction model to show your work.
- **13a.** Reece plays in the park for $\frac{3}{4}$ hour after school. Selena plays in the park 3 times longer than Reece. Draw how many sets of fraction tiles shown represent Reece's and Selena's time playing in the park.





- b. How many hours does Selena play at the park?
- **14.** Show 3 methods to find $3 \times 4\frac{1}{5}$.