Name _____ Date _____

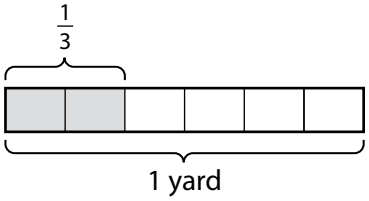
***Ready*® Mathematics**

Lesson 18 Quiz

Solve the problems.

1 Manny has a piece of ribbon that is $\frac{1}{3}$ yard long. He cut it into 2 equal lengths to make bookmarks. How long is each piece of ribbon?

Use the model to solve.



A $\frac{2}{3}$ yard

B $\frac{2}{6}$ yard

C $\frac{1}{2}$ yard

D $\frac{1}{6}$ yard

2 Rita is painting the walls in the playrooms at the daycare center. She estimates that she will need $\frac{1}{4}$ gallon of paint for each wall. How many walls can she paint with 5 gallons of paint?

Fill in the blanks to complete the equation.

_____ ÷ _____ = _____

3 Wen and five friends equally share $\frac{1}{3}$ of a pan of snack bars. Which expression shows how much of the pan each person gets?

A $\frac{1}{3} \div 6$

B $\frac{1}{3} \times 6$

C $6 \div \frac{1}{3}$

D $6 \times \frac{1}{3}$

4 Yolanda has a $\frac{1}{6}$-cup ladle that she uses to pour gravy over potatoes. She uses one full ladle for each serving of potatoes.

Part A

Fill in the table to show how many servings of potatoes Yolanda can make from the given amounts of gravy.

Cups of Gravy	Number of Servings
1	
2	
4	

Name: _____

Divide Unit Fractions in Word Problems

Solve the problems.

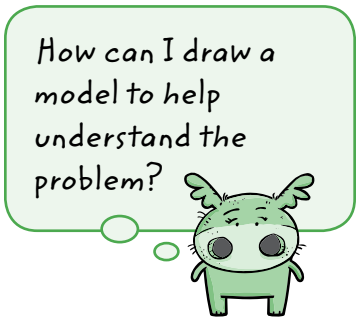
1 Ms. Kaimal prints out address labels on 3 sheets of paper. Each sheet is entirely covered in labels. Each label takes up $\frac{1}{12}$ of a sheet. How many labels did she print?

A 36 labels

B 24 labels

C 15 labels

D 12 labels



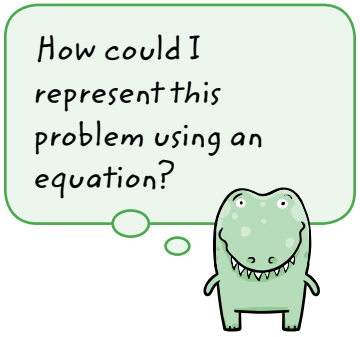
2 Derek has $\frac{1}{4}$ gallon of white paint. He pours an equal amount into 3 containers so he and his friends can paint different sections of a fence at the same time. What fraction of a gallon of paint is in each container?

A $\frac{3}{4}$ gallon

B $\frac{1}{9}$ gallon

C $\frac{1}{12}$ gallon

D $\frac{1}{16}$ gallon



Wendy chose **A** as the correct answer. How did she get that answer?

_____

_____

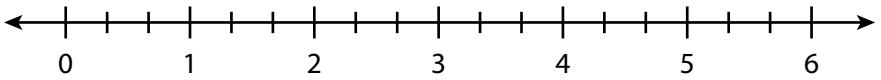
_____

_____

Name _____ Date _____

Lesson 17 Quiz continued

3 Staci has 6 quarts of strawberries. She divides this into $\frac{1}{3}$-quart servings. How many servings does she make?



Show your work.

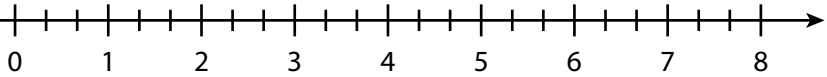
Answer: _____ servings

4 Wendy wants to run 3 miles. Each lap around the track at her school is $\frac{1}{8}$ mile. Wendy wants to figure out how many laps she needs to run.

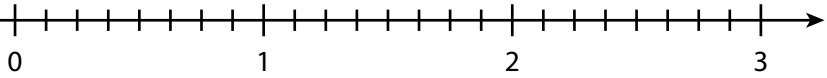
Part A

Which model could Wendy use to find how many laps she should run?

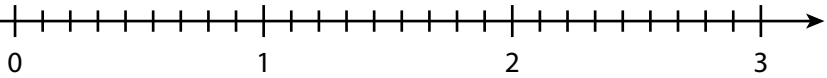
A



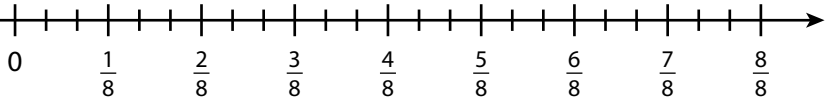
B



C



D



Part B

Fill in the blanks to write a division equation and a multiplication equation to represent the problem. Then fill in the blank to tell how many laps Wendy will need to run.

_____ ÷ _____ = _____

_____ × _____ = _____

Wendy will need to run _____ laps.