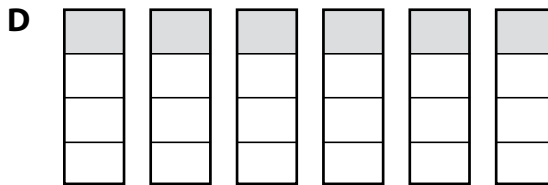
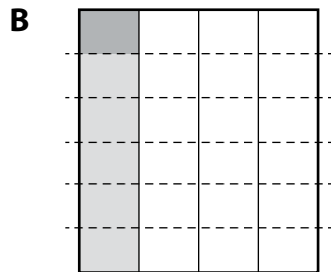
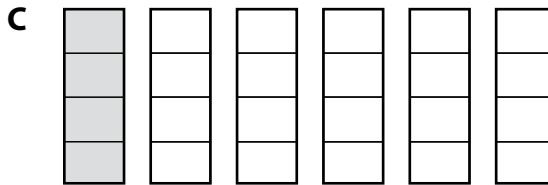
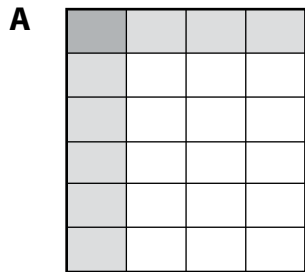
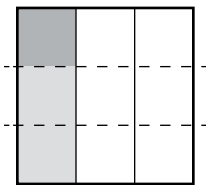


Ready® Mathematics**Lesson 17 Quiz****Solve the problems.****1** Which model represents $\frac{1}{4} \div 6$?

2 Nick says that when a fraction is divided by a whole number, the quotient is always greater than the fraction. Lee says that Nick is incorrect. He draws this model to show Nick an example of why he is incorrect.



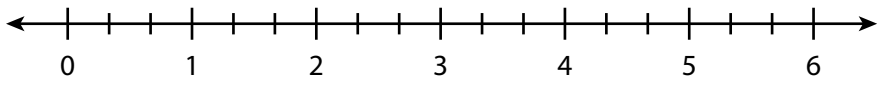
Is Nick or Lee correct? Fill in the blanks to complete the explanation.

This model shows unit fractions of _____ divided into _____ equal parts. It represents the division expression _____ \div _____, which has a quotient of _____. This quotient _____ greater than the fraction that is being divided by the whole number. _____ is correct.



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**

A horizontal number line with arrows at both ends. It is marked with integers from 0 to 8. There are tick marks at every integer, and smaller tick marks between them, but they are not labeled.
- B**

A horizontal number line with arrows at both ends. It is marked with integers 0, 1, 2, and 3. Between each integer, there are 7 small tick marks, dividing each unit into 8 equal parts.
- C**

A horizontal number line with arrows at both ends. It is marked with integers 0, 1, 2, and 3. Between each integer, there are 4 small tick marks, dividing each unit into 5 equal parts.
- D**

A horizontal number line with arrows at both ends. It is marked with fractions: 0, $\frac{1}{8}$, $\frac{2}{8}$, $\frac{3}{8}$, $\frac{4}{8}$, $\frac{5}{8}$, $\frac{6}{8}$, $\frac{7}{8}$, and $\frac{8}{8}$. There are tick marks at each of these fractions.

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.

_____ \div _____ = _____
 _____ \times _____ = _____

Wendy will need to run _____ laps.

