

Ready® Mathematics**Lesson 16 Quiz**

1) William's truck can travel 60 miles on $3\frac{3}{4}$ gallons of gas. William wants to take a trip where he'll travel 180 miles. How many gallons of gas will his truck use?

Show your work.

2) Wyatt wants to build a shed. He wants the area of a shed to be 3 yards wide and $4\frac{3}{8}$ long. What is the area of the shed? Turn your answer into a mixed number.

- A) $7\frac{3}{8}$ square yards
- B) $12\frac{3}{8}$ square yards
- C) $13\frac{1}{8}$ square yards

3) Mya buys $3\frac{1}{2}$ pounds of lemons. He uses $\frac{3}{4}$ of the lemons in a recipe. Which of the following expressions can be used to find the number of pounds of lemons that Mya uses?

Circle all the correct answers.

- A) $3 + \frac{3}{4} \times 3 + \frac{1}{2}$
- B) $\frac{7}{2} \times \frac{3}{4}$
- C) $\frac{3}{4} \times 3 + \frac{3}{4} \times \frac{1}{2}$
- D) $3 \times \frac{1}{2} \times \frac{3}{4}$

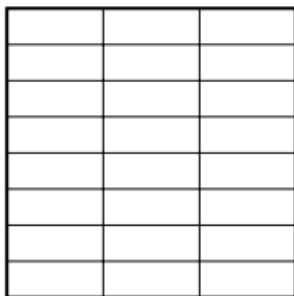
Name _____ Date _____

Lesson 16 Quiz *continued*

4) Willow has $\frac{3}{4}$ yard of yarn. She uses $\frac{1}{6}$ of the yarn to stitch a hole in a shirt.

Part A -

Shade the model to show the amount of yarn Willow uses to stitch the shirt.



Part B -

Camryn says that Willow used $\frac{14}{24}$ of the yarn. Explain how she got that answer.