

Ready® Mathematics**Lesson 16 Quiz****Solve the problems.**

- 1** Carlos buys $4\frac{1}{3}$ pounds of oranges. He uses $\frac{3}{4}$ of the oranges in a recipe. Which of the following expressions can be used to find the number of pounds of oranges that Carlos uses?

Circle all the correct answers.

A $\frac{3 \times 13}{4 \times 3}$

B $\frac{3}{4} \times \frac{4}{3}$

C $\frac{3}{4} + \frac{3}{4} + \frac{3}{4} + \frac{1}{3}$

D $\frac{3}{4} \times 4 + \frac{3}{4} \times \frac{1}{3}$

- 2** Miranda's car travels 40 miles on $1\frac{3}{8}$ gallons of gas. Miranda wants to travel 80 miles. How many gallons of gas will her car use?

Show your work.

Answer: _____ gallon(s)

- 3** What is the area of a workshop that is 4 yards wide and $5\frac{2}{3}$ yards long?

A $9\frac{2}{3}$ square yards

B $13\frac{1}{3}$ square yards

C $20\frac{2}{3}$ square yards

D $22\frac{2}{3}$ square yards

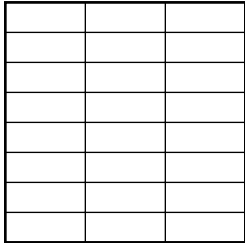


Lesson 16 Quiz continued

- 4 Matt has $\frac{2}{3}$ yard of fishing line. He uses $\frac{3}{8}$ of the line to make fishing knots.

Part A

Shade the model to show the amount of line Matt uses to make fishing knots.

**Part B**

Kara says Matt uses $\frac{25}{24}$ of the line to make knots. Explain Kara's error and tell how to use an equation to find the amount of line Matt uses.

