Multiplying Fractions & Whole Numbers

Solve the word problems. Show your work. Write your answer as a whole or mixed number.

a. Kaylee and her mom went to the craft store to buy supplies to make a costume for Kaylee’s school play. They needed \(3 \frac{1}{2}\) yards of gold fabric. If each yard costs $4, how much will \(3 \frac{1}{2}\) yards cost? ______________

b. They had to get 2 packages of buttons for the costume. Each package of buttons weighs \(5 \frac{1}{3}\) ounces. What is the total weight of the 2 packages of buttons? ______________

c. They also needed ribbon for the costume. Each spool of ribbon is \(10 \frac{2}{5}\) yards long. If they buy 3 spools, how many yards of ribbon will they have? ______________
MULTIPLYING FRACTIONS & WHOLE NUMBERS

Solve the word problems. Show your work. Write your answer as a whole or mixed number.

a. Kaylee and her mom went to the craft store to buy supplies to make a costume for Kaylee's school play. They needed $3 \frac{1}{2}$ yards of gold fabric. If each yard costs $4, how much did they spend on fabric?

b. The family will need to purchase an additional fabric for the costume. How much will they spend on this fabric if the price is the same as the fabric they bought in part (a)?

c. The costume will also require 1 yard of a red fabric. If Kaylee's mom bought a large roll of red fabric and paid $6 for it, how much did the red fabric cost per yard?

d. They also needed ribbon for the costume. Each spool of ribbon is 10 $\frac{2}{5}$ yards long. If they buy 3 spools, how many yards of ribbon will they have?

$$31 \frac{1}{5} \text{ yards}$$