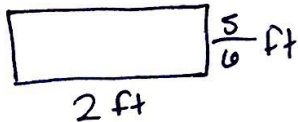


Name Key

Multiplication Word Problems
Quizizz Review Questions

- 1) A rectangular painting is 2 feet long and $\frac{5}{6}$ foot wide. Which is the area of the painting? (Area = length \times width). Your answer must be a mixed number in simplest form.

Operation: (X)



$$\frac{2}{1} \cdot \frac{5}{6} = \frac{5}{3} = \boxed{1\frac{2}{3} \text{ ft}^2}$$

- 2) About $\frac{3}{5}$ of the human body is made up of water. If a person has a mass of 75 kilograms, what is the mass of the water in this person's body?

Operation: (X)

$\frac{3}{5}$ of 75

$$1\frac{3}{8} \cdot \frac{75}{1} = \boxed{15 \text{ kg}}$$

- 3) Sam is collecting food for a hurricane relief drive. His goal is to collect a total of 440 ^{goal} cans of food. If Sam has achieved $\frac{5}{8}$ of his goal, how many cans of food has he collected so far?

Operation: (X)

$\frac{5}{8}$ of 440

$$\frac{5}{8} \cdot \frac{440}{1} = \boxed{275 \text{ cans of food}}$$

4) Anna has $\frac{1}{2}$ pound of trail mix. If she wants to ^{x4} quadruple the amount of mix, how much will she have?

Operation: (x)

$$\frac{1}{2} \cdot \frac{4^2}{1} = \frac{2}{1} \quad \boxed{2 \text{ lbs}}$$

5) MULTI-STEP PROBLEM - READ CAREFULLY and SHOW WORK. Nora has \$120 on a gift card. She spends $\frac{2}{5}$ of it at the mall. She spends $\frac{1}{4}$ of the money still on the gift card at Starbucks. How much money is left on the gift card?

Operation: (x)(-)

① $\overset{24}{120} \cdot \frac{2}{5} = \48 spent

③ $\frac{1}{4} \cdot \overset{18}{72} = \18 Starbucks

② $\overset{11}{120} - \underset{48}{48} = \underset{72}{72}$ \$72 still on card

④ $\overset{6}{72} - \underset{18}{18} = \underset{54}{54}$ \$54 still on card

6) A roll of wrapping paper is $2\frac{1}{2}$ feet wide and $13\frac{1}{3}$ feet long. What is the area of the wrapping paper? (Area = length x width)

Operation: (x)

$$2\frac{1}{2} \cdot 13\frac{1}{3} \\ \downarrow \quad \downarrow \\ \frac{5}{2} \cdot \frac{40}{3} = \frac{100}{3} = \boxed{33\frac{1}{3} \text{ ft}^2}$$