

Name: _____

Date: _____

Fraction word problems

Solve each problem. Show your work.

1. A garden is $\frac{4}{8}$ mile long and $\frac{2}{6}$ mile wide. What is its area in square miles?

Answer: _____

2. Nina has 6 pounds of trail mix. She puts $\frac{1}{5}$ pound in each bag. How many bags can she fill?

Answer: _____

3. A garden is $\frac{2}{5}$ mile long and $\frac{1}{3}$ mile wide. What is its area in square miles?

Answer: _____

4. Nina has 6 pounds of trail mix. She puts $\frac{2}{3}$ pound in each bag. How many bags can she fill?

Answer: _____

5. Nina has 4 pounds of trail mix. She puts $\frac{1}{2}$ pound in each bag. How many bags can she fill?

Answer: _____

6. A garden is $\frac{3}{8}$ mile long and $\frac{5}{6}$ mile wide. What is its area in square miles?

Answer: _____

7. A garden is $\frac{3}{5}$ mile long and $\frac{1}{2}$ mile wide. What is its area in square miles?

Answer: _____

8. Nina has 5 pounds of trail mix. She puts $\frac{3}{6}$ pound in each bag. How many bags can she fill?

Answer: _____

9. A garden is $\frac{3}{8}$ mile long and $\frac{6}{8}$ mile wide. What is its area in square miles?

Answer: _____

10. A recipe needs $\frac{1}{3}$ cup of flour for each batch. How many cups are needed for 12 batches?

Answer: _____

Fraction Operations: Answer Key

1. $\frac{1}{6}$ sq mi

2. 30 bags

3. $\frac{2}{15}$ sq mi

4. 9 bags

5. 8 bags

6. $\frac{5}{16}$ sq mi

7. $\frac{3}{10}$ sq mi

8. 10 bags

9. $\frac{9}{32}$ sq mi

10. 4 cups