Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 8 of 10

Read each problem. Write a division equation with a unit fraction and solve. Include the unit in your answer. Draw a picture if it helps.

1. A team walks 1/3 mile in 5 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

2. A gardener has 3 pounds of seeds. Each row of the garden needs 1/8 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

3. Leo has 1/3 pound of trail mix. He puts the same amount into each of 3 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

4. There is 1/4 gallon of paint. 2 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

5. A baker has 2 cups of flour. Each batch of rolls uses 1/8 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

6. Ana has 9 feet of ribbon. She cuts it into pieces that are each 1/3 foot long. How many pieces does she get?

Equation: _____ Answer: _____

7. There is 1/6 of a pan of cornbread left. 4 friends share it equally. What fraction of the whole pan does each friend get?

Equation: _____ Answer: _____

8. A pitcher holds 9 liters of water. Each glass holds 1/8 liter. How many glasses can be filled?

Equation: _____ Answer: _____