Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 1 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. Leo has 1/2 pound of trail mix. He puts the same amount into each of 4 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

2. A team walks 1/4 mile in 4 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

3. A pitcher holds 2 liters of water. Each glass holds 1/7 liter. How many glasses can be filled?

Equation: _____ Answer: _____

4. Ana has 4 feet of ribbon. She cuts it into pieces that are each 1/4 foot long. How many pieces does she get?

Equation: _____ Answer: _____

5. There is 1/5 of a pan of cornbread left. 5 friends share it equally. What fraction of the whole pan does each friend get?

Equation: _____ Answer: _____

6. A gardener has 9 pounds of seeds. Each row of the garden needs 1/2 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

7. There is 1/5 gallon of paint. 4 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

8. A baker has 2 cups of flour. Each batch of rolls uses 1/4 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 2 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 baker has 2 cups of flour. Each batch of rolls uses 1/7 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

2. A pitcher holds 5 liters of water. Each glass holds 1/7 liter. How many glasses can be filled?

Equation: _____ Answer: _____

3. A team walks 1/4 mile in 6 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

4. Leo has 1/4 pound of trail mix. He puts the same amount into each of 4 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

6. Ana has 4 feet of ribbon. She cuts it into pieces that are each 1/5 foot long. How many pieces does she get?

Equation: _____ Answer: _____

7. A gardener has 8 pounds of seeds. Each row of the garden needs 1/4 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 3 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 1/6 mile in 6 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

2. Ana has 5 feet of ribbon. She cuts it into pieces that are each 1/6 foot long. How many pieces does she get?

Equation: _____ Answer: _____

3. A gardener has 3 pounds of seeds. Each row of the garden needs 1/6 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

5. A baker has 9 cups of flour. Each batch of rolls uses 1/7 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

6. There is 1/5 gallon of paint. 3 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

7. Leo has 1/5 pound of trail mix. He puts the same amount into each of 4 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

8. A pitcher holds 2 liters of water. Each glass holds 1/6 liter. How many glasses can be filled?

Equation: _____ Answer: _____

Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 4 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 baker has 5 cups of flour. Each batch of rolls uses 1/4 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

2. A gardener has 9 pounds of seeds. Each row of the garden needs 1/4 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

3. There is 1/5 gallon of paint. 5 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

4. Leo has 1/5 pound of trail mix. He puts the same amount into each of 2 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

5. A pitcher holds 9 liters of water. Each glass holds 1/4 liter. How many glasses can be filled?

Equation: _____ Answer: _____

6. There is 1/2 of a pan of cornbread left. 3 friends share it equally. What fraction of the whole pan does each friend get?

Equation: _____ Answer: _____

7. A team walks 1/5 mile in 6 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

8. Ana has 5 feet of ribbon. She cuts it into pieces that are each 1/7 foot long. How many pieces does she get?

Equation: _____ Answer: _____

Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 5 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 pitcher holds 6 liters of water. Each glass holds 1/7 liter. How many glasses can be filled?

Equation: _____ Answer: _____

2. There is 1/3 gallon of paint. 3 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

3. There is 1/5 of a pan of cornbread left. 2 friends share it equally. What fraction of the whole pan does each friend get?

Equation: _____ Answer: _____

4. Leo has 1/6 pound of trail mix. He puts the same amount into each of 6 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

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

Equation: _____ Answer: _____

7. A gardener has 9 pounds of seeds. Each row of the garden needs 1/3 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

8. A baker has 7 cups of flour. Each batch of rolls uses 1/6 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 6 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 gardener has 3 pounds of seeds. Each row of the garden needs 1/3 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

2. A baker has 6 cups of flour. Each batch of rolls uses 1/3 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

3. There is 1/3 gallon of paint. 5 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

4. Ana has 4 feet of ribbon. She cuts it into pieces that are each 1/8 foot long. How many pieces does she get?

Equation: _____ Answer: _____

5. A pitcher holds 4 liters of water. Each glass holds 1/2 liter. How many glasses can be filled?

Equation: _____ Answer: _____

6. A team walks 1/6 mile in 2 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

7. Leo has 1/4 pound of trail mix. He puts the same amount into each of 2 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

8. There is 1/2 of a pan of cornbread left. 4 friends share it equally. What fraction of the whole pan does each friend get?

Equation: _____ Answer: _____

Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 7 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. There is 1/2 gallon of paint. 5 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

2. A team walks 1/2 mile in 4 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

3. Leo has 1/2 pound of trail mix. He puts the same amount into each of 6 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

4. Ana has 9 feet of ribbon. She cuts it into pieces that are each 1/8 foot long. How many pieces does she get?

Equation: _____ Answer: _____

5. There is 1/3 of a pan of cornbread left. 2 friends share it equally. What fraction of the whole pan does each friend get?

Equation: _____ Answer: _____

6. A baker has 6 cups of flour. Each batch of rolls uses 1/6 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

7. A gardener has 5 pounds of seeds. Each row of the garden needs 1/3 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

8. A pitcher holds 4 liters of water. Each glass holds 1/7 liter. How many glasses can be filled?

Equation: _____ Answer: _____

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: _____

Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 9 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. Ana has 9 feet of ribbon. She cuts it into pieces that are each 1/5 foot long. How many pieces does she get?

Equation: _____ Answer: _____

2. Leo has 1/6 pound of trail mix. He puts the same amount into each of 2 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

3. A gardener has 9 pounds of seeds. Each row of the garden needs 1/8 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____

4. There is 1/5 gallon of paint. 6 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

5. A team walks 1/3 mile in 4 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

6. There is 1/5 of a pan of cornbread left. 3 friends share it equally. What fraction of the whole pan does each friend get?

Equation: _____ Answer: _____

7. A baker has 6 cups of flour. Each batch of rolls uses 1/8 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

8. A pitcher holds 4 liters of water. Each glass holds 1/4 liter. How many glasses can be filled?

Equation: _____ Answer: _____

Name: _____ Date: _____

Dividing Unit Fractions Word Problems

Grade 5 | Solving word problems that divide unit fractions and whole numbers | Version 10 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. There is 1/2 of a pan of cornbread left. 5 friends share it equally. What fraction of the whole pan does each friend get?

Equation: _____ Answer: _____

2. A team walks 1/3 mile in 6 equal laps around the gym. How long is each lap?

Equation: _____ Answer: _____

3. There is 1/4 gallon of paint. 6 students share it equally. How much paint does each student get?

Equation: _____ Answer: _____

4. A pitcher holds 3 liters of water. Each glass holds 1/4 liter. How many glasses can be filled?

Equation: _____ Answer: _____

5. Leo has 1/3 pound of trail mix. He puts the same amount into each of 4 bags. How many pounds of trail mix go in each bag?

Equation: _____ Answer: _____

6. Ana has 6 feet of ribbon. She cuts it into pieces that are each 1/7 foot long. How many pieces does she get?

Equation: _____ Answer: _____

7. A baker has 3 cups of flour. Each batch of rolls uses 1/6 cup of flour. How many batches can the baker make?

Equation: _____ Answer: _____

8. A gardener has 4 pounds of seeds. Each row of the garden needs 1/2 pound of seeds. How many rows can be planted?

Equation: _____ Answer: _____