

Name: Class:

Understand fractions as division - word problems

- a.** A total of **50 students** went out on a field trip. During their lunch break time, their teacher, Mrs. Amelia gave each student a plate of rice and divided **7 packets** of meat equally among the plates. How much portion of meat did each students get on their plate? (write your answer as a mixed number).
- b.** On the Christmas day party at school, Jasmine wants to make potatoe pie for her daughter to bring to school for her classmates. She makes 13 pans of potatoe pie using 17 whole healthy potatoes. How much portion of potatoes is in each pan of pie? (write your answer as a mixed number).
- c.** Evans got a summer job at a gas filling station. His work is to refill all gas bottles. There is a huge tank at the gas station with 3 gallons of gas Evans uses to refill the gas bottles. He refills gas evenly among 17 gas bottles. How much gas goes in each gas bottle?
- d.** Hannah, the famous baker had 30 pounds of icing sugar to make icing cream for icing cake. If she divided the icing sugar equally into 8 bowls to make icing cream, how much icing sugar was in each bowl?
- e.** Mrs. Perez bought 10 liters of milk. Her kids usually used the same amount each day to put in their cornflakes. This always last for a week. How many liters of milk do her kids use per day?
- f.** Garry makes cookies and sell in his small coffee shop. For a batch of two dozen cookies of same shape and size, he uses 3 cups of all- purpose flour. How much flour is in each cookie?
- g.** Musa is a nature's photographer. He has a collection of equally sized photos of nature in his studio. In other to display this for people to see, he bought a frame that is 10 feet wide and fits the photos perfectly into 12 columns across it. How wide is each photo?

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- ▶ **7 packets of meat** was divided aqually among 50 students.
- ▶ To find out how much portion of meat each student got: **divide 7 by 50**

Therefore, each student will get $\frac{7}{50}$ portion of meat.

b. Therefore, each pan of pie contains $1\frac{4}{13}$ portion of potatoes.

c. Therefore, each gas bottle contains $\frac{3}{17}$ gallons of gas.

d. So, each bowl had $\frac{4}{15}$ icing sugar.

e. So, her kids always use $\frac{7}{10}$ liter of milk per day.

f. So, there is $\frac{1}{8}$ cup of flour in each cookie.

g. So, each photo is $\frac{5}{6}$ feet wide.