

Name: Class:

Understand fractions as division - word problems

1. A total of **50 students** went out 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).
2. 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).
3. 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?
4. Yesterday, Charles came back from school and had pizza for lunch. Pizza is not really his favourite food, but since he didn't really have a choice, he took the pizza and divided it into 6 equal pieces. He then added cheese on 2 pieces and put it in the microwave to warm it up. What fraction of the pizza did he not add cheese on?
5. During a get together at a school party, Lucy's mother baked 9 pans of pumpkin pie using 5 equal whole big pumpkins for her to bring to school for her classmates. If she uses an equal amount of pumpkin per pan, how much portion of pumpkins is in each pan of pie?

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1. ▶ 7 packets of meat was divided aqually among 50 students.
 ▶ To find out how many packets of meat each student got: divide 7 by 50.

Therefore, each student got $\frac{7}{50}$ portion of meat

2. ▶ There are 17 whole healthy potatoes divided between 13 pans.
 ▶ To find how much potatoes is in each pan of pie: divide 17 by 13.

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

3. ▶ There are 3 gallons of gas.
 ▶ The gas is divided equally among 17 gas bottles.

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

4. ▶ Pieces of pizza he added cheese on = 2.
 ▶ Total number of pieces he divided the pizza into = 6.
 ▶ Number of pieces he did not put pizza on = $6 - 2 = 4$.

Therefore, he did not put cheese on $\frac{2}{3}$ of the pizza..

5. ▶ Number of pans Lucy's mother baked = 9.
 ▶ Number of whole pumpkins she used = 5.

Therefore, she used $\frac{5}{9}$ portion of a pumpkin in each pan of pie.