



Name _____

Date _____

Please visit www.worksheetsandwalkthroughs.com for more worksheets on this topic.

Adding and Subtracting Mixed Numbers with Like Denominators
Word Problems
(4.NF.3.c)

Directions: Solve the following word problem. Show your work.

Jon only eats $\frac{1}{3}$ of his lunch each day and throws away the rest. How much lunch does he eat in a school week? How much lunch does he throw away each week? Explain your answer.



Name _____

Date _____

Answer:

There is more than one way to calculate this answer. One is to use multiplication and the other is addition.

Addition Method: You can add $\frac{1}{3}$ five times. $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{5}{3} = 1 \frac{2}{3}$

Jon eats $1 \frac{2}{3}$ lunch a week. The next part you can add what he wastes each day. He wastes $\frac{2}{3}$ of his lunch each day. $\frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} + \frac{2}{3} = \frac{10}{3} = 3 \frac{1}{3}$ Jon wastes $3 \frac{1}{3}$ lunches each week.

Multiplication Method: You can multiply 5 and $\frac{1}{3}$ to find out how much he eats in a week. $5 \times \frac{1}{3} = \frac{5}{3} = 1 \frac{2}{3}$ He eats $1 \frac{2}{3}$ lunches a week.

You can multiply 5 and $\frac{2}{3}$ to determine how much he wastes in a week. $5 \times \frac{2}{3} = \frac{10}{3} = 3 \frac{1}{3}$ He wastes $3 \frac{1}{3}$ lunches a week.