This practice test aligns with Eureka Math Module 3 End of Unit.

Standards: Grade 5: 5.NF.1, 5.NF.2Standards: Grade 5: 5.NF.1, 5.NF.2Standards: Grade 5: 5.NF.1, 5.NF.2

Name	Date

- 1. On Sunday, Nathan bought  $5\frac{1}{2}$ kg of plant food. He used  $1\frac{3}{4}$ kg on his apple plants and used  $\frac{1}{2}$ kg for his tomato plants.
  - a. How many kilograms of plant food did Nathan have left? Write one or more equations to show how you reached your answer.

b. Nathan wants to feed his apples plants 3 more times and his tomato plants one more time. He will use the same amounts of plant food as before. How much plant food will he need? Does he have enough left to do so? Explain your answer using words, pictures, or numbers. This practice test aligns with Eureka Math Module 3 End of Unit.

Standards: Grade 5: 5.NF.1, 5.NF.2Standards: Grade 5: 5.NF.1, 5.NF.2Standards: Grade 5: 5.NF.1, 5.NF.2

- 2. Nathan harvests the apples and tomatoes in his garden.
  - a. He picks  $1\frac{3}{4}$ kg less apples in the morning than in the afternoon. If Nathan picks  $3\frac{1}{2}$  kg in the morning, how many kilograms of apples does he pick in the afternoon? Explain your answer using words, pictures, or equations.

b. Nathan also picks tomatoes from his garden. He picked  $4\frac{1}{2}$  kg, but 1.5kg were rotten and had to be thrown away. How many kilograms of tomatoes were not rotten? Write an equation that shows how you reached your answer.

c. After throwing away the rotten tomatoes, did Nathan get more kilograms of apples or tomatoes? How many more kilograms? Explain your answer using an equation.