**STUDENT
ACHIEVEMENT
PARTNERS**

# Smarter Balanced Assessment Item Illustrating 5.NF.B.3

Complete the story about friends sharing cupcakes to show that $3 \div 5 = \frac{3}{5}$.

- 5 friends were sharing 3 cupcakes. They divided each cupcake into 5 equal pieces.
- Each piece is [drop-down menu choices: $\frac{1}{3}, \frac{1}{5}, \frac{3}{5}$] of a cupcake.
- Each friend got 1 piece of each cupcake.
- Each friend got [drop-down menu choices: $\frac{1}{3}, \frac{1}{5}, \frac{3}{5}$] of a cupcake in total.



One friend's share

1 cupcake
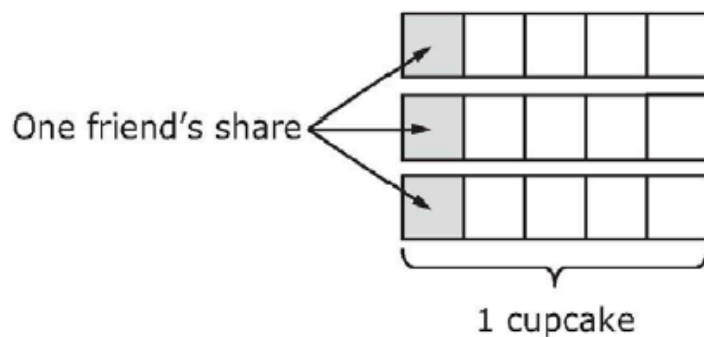
## Answer Key
1/5; 3/5

## Elaboration on Alignment
In this case, the representation is well connected to the mathematics of the problem and serves an appropriate role in supporting students' understanding of what the problem is asking them to do. It reflects the coherence of the NF standards by clearly defining the whole, a principle established in grade 3 as important in making comparisons, but shown here as equally important in performing operations with fractions.

## Learn More
Learn more about with the MATH Assessment Item Alignment Modules at www.achievethecore.org.