

# 6.NS Making Hot Cocoa, Variation 1

## Task

One thermos of hot chocolate uses  $\frac{2}{3}$  cup of cocoa powder. How many thermoses can Nelli make with 3 cups of cocoa powder?

- Solve the problem by drawing a picture.
- Explain how you can see the answer to the problem in your picture.
- Which of the following multiplication or divisions equations represents this situation? Explain your reasoning.

$$3 \times \frac{2}{3} =? \quad 3 \div \frac{2}{3} =? \quad \frac{2}{3} \div 3 =?$$

- Solve the arithmetic problem you chose in part (c) and verify that you get the same answer as you did with your picture.



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