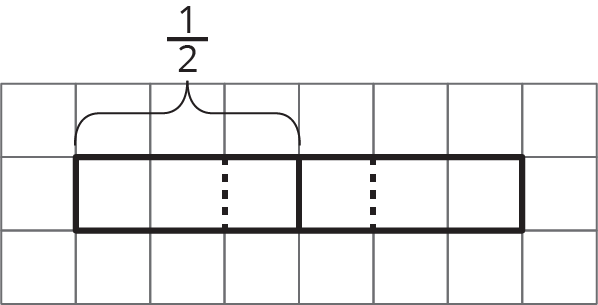
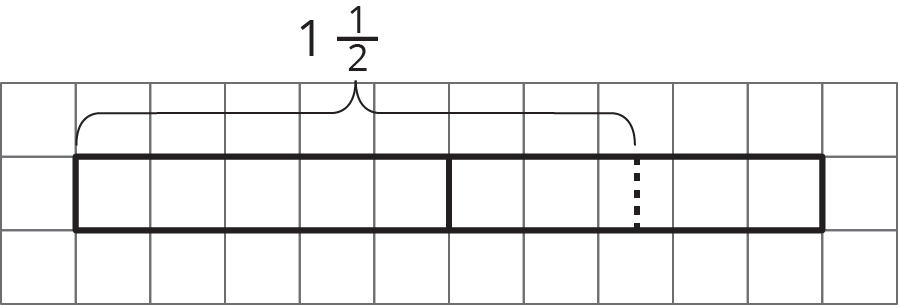
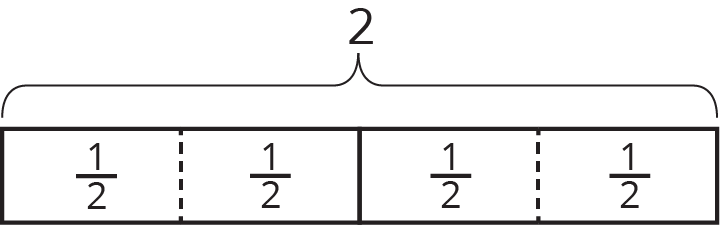
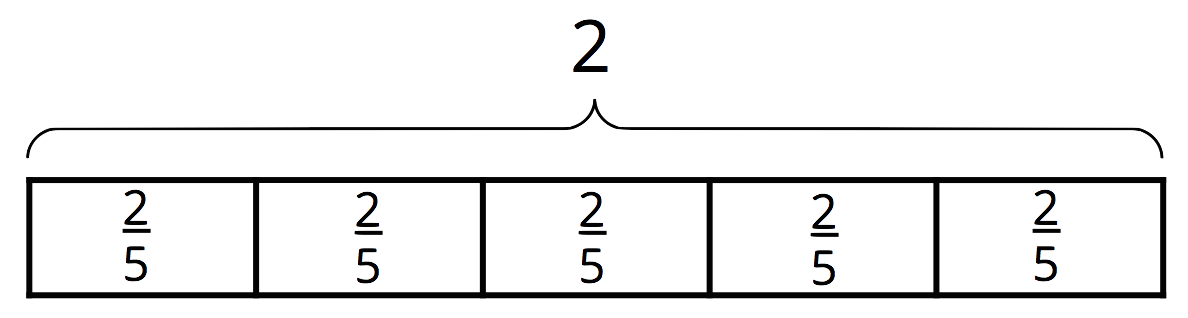
## Unit 3 Lesson 3 Cumulative Practice Problems

1. Use the tape diagram to find the value of . Show your reasoning.

* 

1. Use the tape diagram to answer the question: How many s are in ? Show your reasoning.

* 

1. Write a multiplication equation and a division equation to represent each sentence or diagram.
   1. There are 12 fourths in 3.
   2. 
   3. How many s are in 6?
   4. 
2. Diego said that the answer to the question “How many groups of are in 1?” is or . Do you agree with him? Explain or show your reasoning.
3. At a farmer’s market, two vendors sell fresh milk. One vendor sells 2 liters for $3.80, and another vendor sells 1.5 liters for $2.70. Which is the better deal? Explain your reasoning.

* (From Unit 2, Lesson 16.)

1. Calculate each percentage mentally.
   1. What is 10% of 70?
   2. What is 10% of 110?
   3. What is 25% of 160?
   4. What is 25% of 48?
   5. What is 50% of 90?
   6. What is 50% of 350?
   7. What is 75% of 300?
   8. What is 75% of 48?

* (From Unit 2, Lesson 23.)



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