### Lesson 1 Practice Problems

1. Here is an equation:
   1. Draw a tape diagram to represent the equation.
   2. Which part of the diagram shows the quantity ? What about 4? What about 17?
   3. How does the diagram show that has the same value as 17?
2. Diego is trying to find the value of in . He draws this diagram but is not certain how to proceed.

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* 1. Complete the tape diagram so it represents the equation .
  2. Find the value of .

1. Match each equation to one of the two tape diagrams.

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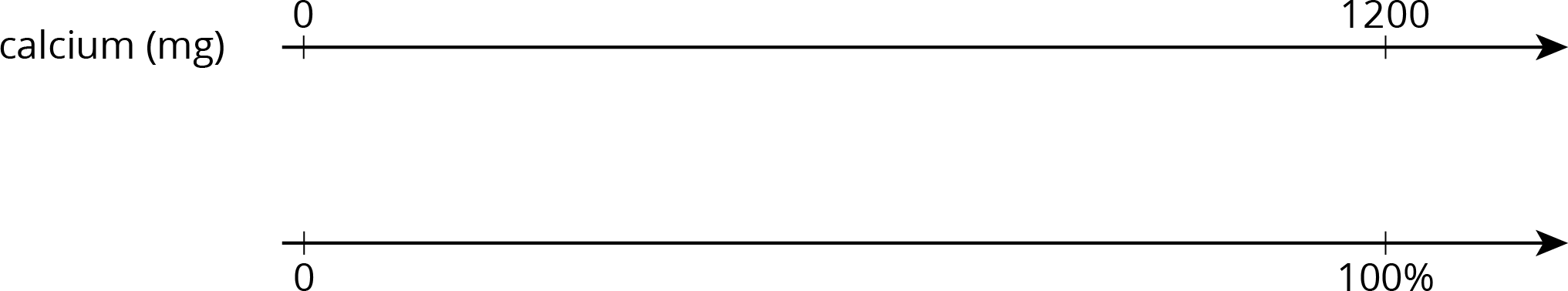
1. For each equation, draw a tape diagram and find the unknown value.
2. A shopper paid $2.52 for 4.5 pounds of potatoes, $7.75 for 2.5 pounds of broccoli, and $2.45 for 2.5 pounds of pears. What is the unit price of each item she bought? Show your reasoning.

* (From Unit 5, Lesson 13.)

1. A sports drink bottle contains 16.9 fluid ounces. Andre drank 80% of the bottle. How many fluid ounces did Andre drink? Show your reasoning.

* (From Unit 3, Lesson 14.)

1. The daily recommended allowance of calcium for a sixth grader is 1,200 mg. One cup of milk has 25% of the recommended daily allowance of calcium. How many milligrams of calcium are in a cup of milk? If you get stuck, consider using the double number line.

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* (From Unit 3, Lesson 11.)



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