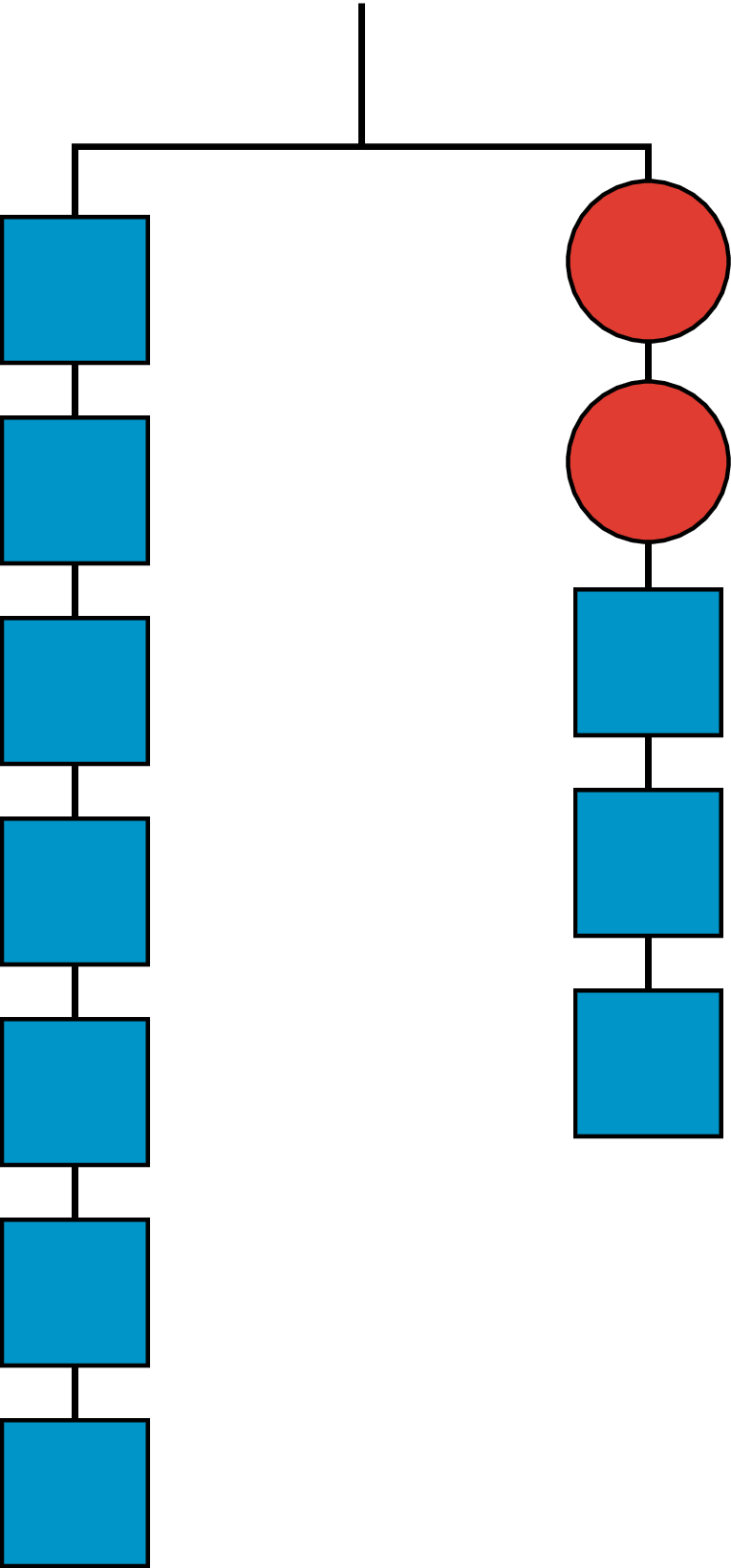
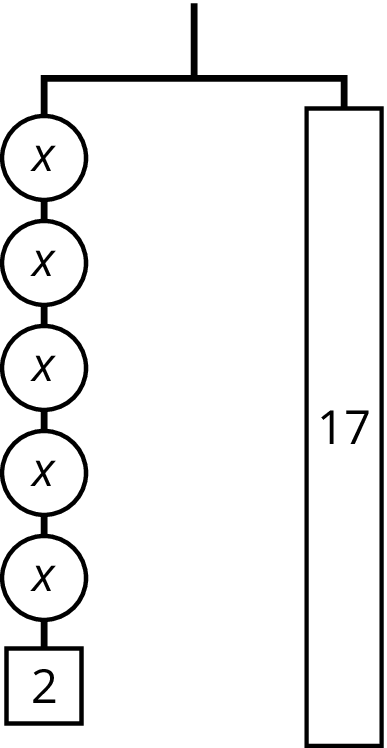
## Unit 3 Lesson 7 Cumulative Practice Problems

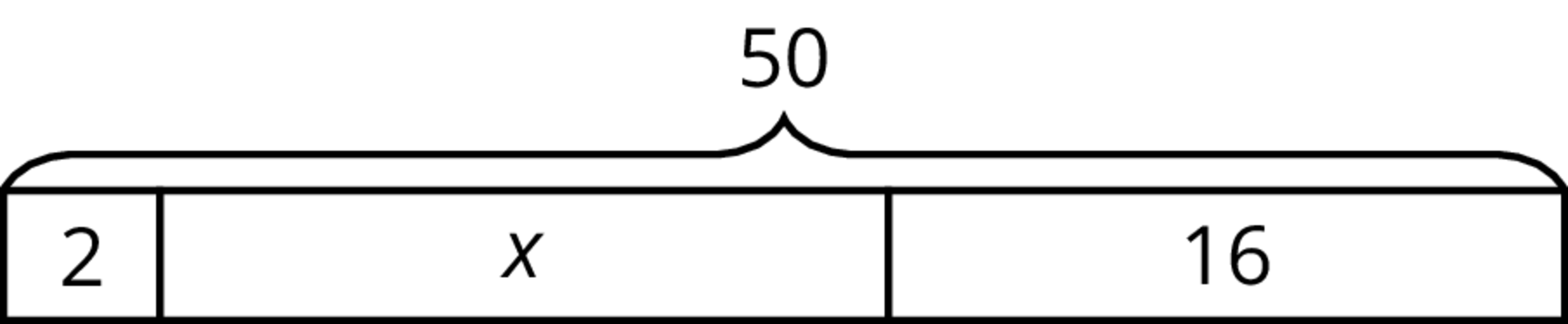
1. Explain how the parts of the balanced hanger compare to the parts of the equation.

* 

1. For the hanger below:
   1. Write an equation to represent the hanger.
   2. Draw more hangers to show each step you would take to find . Explain your reasoning.
   3. Write an equation to describe each hanger you drew. Describe how each equation matches its hanger.

* 

1. Clare drew this diagram to match the equation , but she got the wrong solution as a result of using this diagram.

* 
* 1. What value for can be found using the diagram?
  2. Show how to fix Clare’s diagram to correctly match the equation.
  3. Use the new diagram to find a correct value for .
  4. Explain the mistake Clare made when she drew her diagram.
* (From Unit 3, Lesson 3.)



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