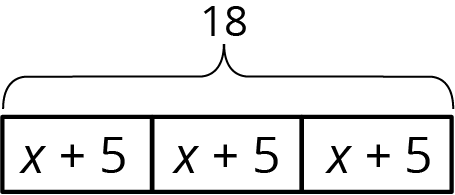
## Unit 3 Lesson 9 Cumulative Practice Problems

1. Solve each equation.
2. Here is an equation . Write three different equations that have the same solution as . Show or explain how you found them.
3. Select **all** the equations that match the diagram.

* 
* (From Unit 3, Lesson 3.)

1. There are 88 seats in a theater. The seating in the theater is split into 4 identical sections. Each section has 14 red seats and some blue seats.
   1. Draw a tape diagram to represent the situation.
   2. What unknown amounts can be found by by using the diagram or reasoning about the situation?

* (From Unit 3, Lesson 2.)

1. Match each story to an equation.
   1. A stack of nested paper cups is 8 inches tall. The first cup is 4 inches tall and each of the rest of the cups in the stack adds inch to the height of the stack.
   2. A baker uses 4 cups of flour. She uses cup to flour the counters and the rest to make 8 identical muffins.
   3. Elena has an 8-foot piece of ribbon. She cuts off a piece that is of a foot long and cuts the remainder into four pieces of equal length.

* (From Unit 3, Lesson 4.)



© CC BY Open Up Resources. Adaptations CC BY IM.