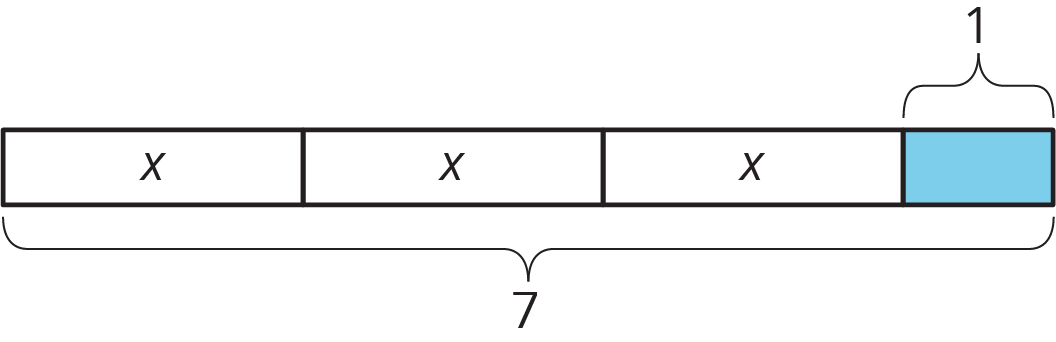
## Unit 6 Lesson 13 Cumulative Practice Problems

1. For each inequality, find two values for that make the inequality true and two values that make it false.
2. Here is an inequality: .
   1. List some values for that would make this inequality true.
   2. How are the solutions to the inequality different from the solutions to ? Explain your reasoning.
3. Here are the prices for cheese pizza at a certain pizzeria:

|  |  |
| --- | --- |
| * pizza size | * price in dollars |
| * small | * 11.60 |
| * medium |  |
| * large | * 16.25 |

* 1. You had a coupon that made the price of a large pizza $13.00. For what percent off was the coupon?
  2. Your friend purchased a medium pizza for $10.31 with a 30% off coupon. What is the price of a medium pizza without a coupon?
  3. Your friend has a 15% off coupon and $10. What is the largest pizza that your friend can afford, and how much money will be left over after the purchase?
* (From Unit 4, Lesson 12.)

1. Select **all** the stories that can be represented by the diagram.

* 
  1. Andre studies 7 hours this week for end-of-year exams. He spends 1 hour on English and an equal number of hours each on math, science, and history.
  2. Lin spends $3 on 7 markers and a $1 pen.
  3. Diego spends $1 on 7 stickers and 3 marbles.
  4. Noah shares 7 grapes with 3 friends. He eats 1 and gives each friend the same number of grapes.
  5. Elena spends $7 on 3 notebooks and a $1 pen.
* (From Unit 6, Lesson 4.)



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