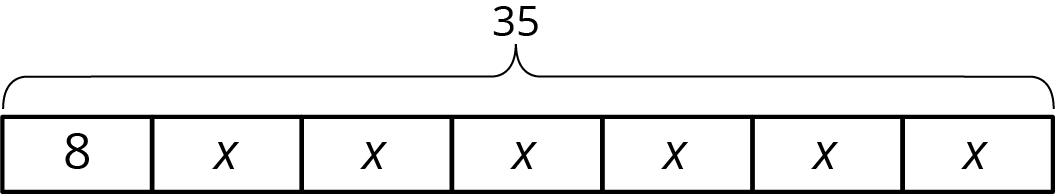
## Unit 3 Lesson 3 Cumulative Practice Problems

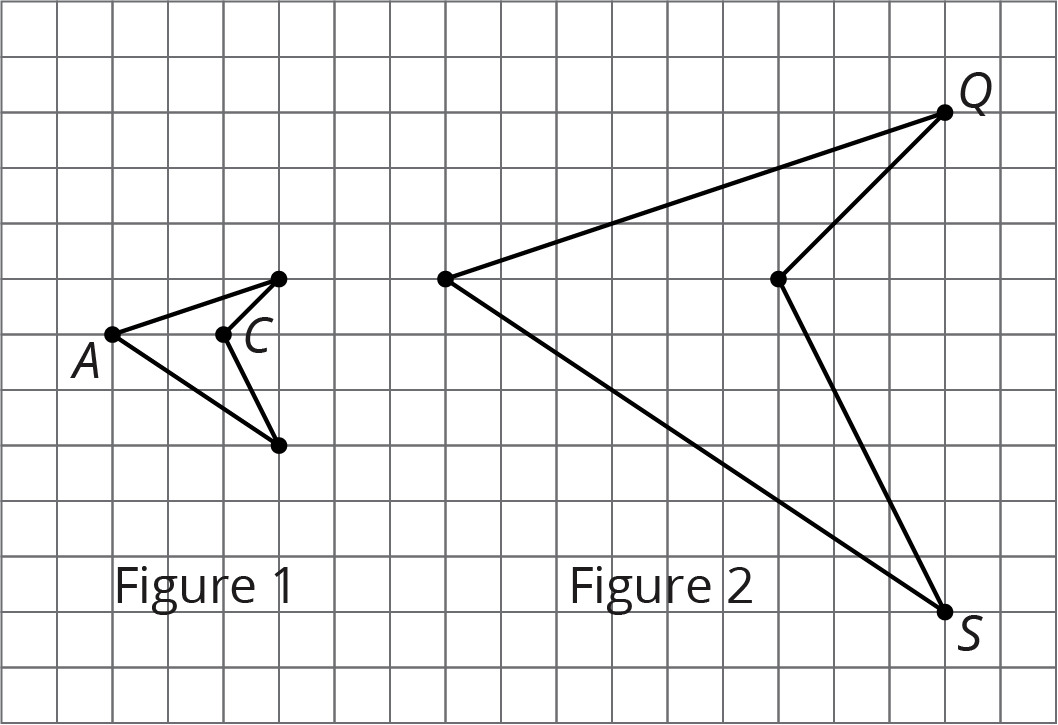
1. Draw a tape diagram to match each equation.
2. Select **all** the equations that match the tape diagram.

* 

1. Point has coordinates . After a translation 4 units down, a reflection across the -axis, and a translation 6 units up, what are the coordinates of the image?

* (From Unit 1, Lesson 5.)

1. Figure 2 is a scaled copy of Figure 1.

* 
  1. Identify the points in Figure 2 that correspond to the points and in Figure 1. Label them and . What is the distance between and ?
  2. Identify the points in Figure 1 that correspond to the points and in Figure 2. Label them and . What is the distance between and ?
  3. What is the scale factor that takes Figure 1 to Figure 2?
  4. and are two points on Figure 1, but they are not shown. The distance between and is 1. What is the distance between the corresponding points on Figure 2?
* (From Unit 2, Lesson 3.)



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