Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: ­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Deron and Scott are learning about the associative property. They disagree when they work with 8 x 6.

* Deron says 8 x 6 = (2 x 2 x 2) x 6 because you have to break apart the first factor.
* Scott says 8 x 6 = 8 x (2 x 3) because you have to break apart the second factor.

Who do you agree with? Use pictures, numbers, or words to explain your thinking.