

Name:

Pre-Assessment on Properties of Numbers

1. Write your best guess for what the following terms mean or give an example illustrating the property.
 - a. commutative

 - b. associative

 - c. distributive

2. Suppose you want to help an elementary student understand that $9 + 7 = 7 + 9$. Show here a drawing that you might use to do so.

3. Suppose you want to help an elementary student understand that $3 \times (4 \times 2) = (3 \times 2) \times 4$. Show here a drawing that you might use to do so.