For the purposes of this activity, the area of the hexagon will be defined as 1 unit. Based on this, define the areas of the following pieces:

Triangle =\_\_\_\_\_\_\_ Rhombus =\_\_\_\_\_\_\_ Trapezoid = \_\_\_\_\_\_\_

For each of the following, write a statement using fractions that represents the picture. Find the solution to the statement. Use improper fractions when necessary.

 **Example:**

 **+ = ?**

$\frac{2}{2}$ **+** $\frac{1}{2}$ **=** $\frac{3}{2}$

1. + = ?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. -- = ?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. + = ?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. + + = ?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_