

Name: _____

Date: _____

Lego Fractions: Sixteenths

If you use a 2x8 plate to represent one whole, what fraction does a 1x1 plate represent? How about a 1x2 plate? What would a 2x2 plate represent? How would you represent the fraction $\frac{1}{2}$?

Using a variety of Lego plates, complete the following calculations:

$$\frac{1}{16} + \frac{1}{16} =$$

$$\frac{1}{16} + \frac{1}{8} =$$

$$\frac{1}{16} + \frac{1}{4} =$$

$$\frac{1}{16} + \frac{1}{2} =$$

$$\frac{5}{16} + \frac{1}{4} =$$

$$\frac{7}{16} + \frac{1}{8} =$$

$$\frac{7}{16} + \frac{1}{2} =$$

$$\frac{9}{16} + \frac{1}{4} =$$

Show your work, and write your answer in a complete sentence.