

Name: _____

Date: _____

Lego Fractions: Eighths

You can use a 1x8 plate to represent one whole. What does a 1x1 plate represent? What does a 1x2 plate represent? A 1x3 plate? A 1x4 plate? How would you represent the fraction $\frac{5}{8}$?

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

$$\frac{1}{2} + \frac{1}{8} =$$

$$\frac{1}{2} + \frac{3}{8} =$$

$$\frac{1}{2} + \frac{5}{8} =$$

$$\frac{1}{2} + \frac{7}{8} =$$

$$\frac{1}{4} + \frac{1}{8} =$$

$$\frac{1}{4} + \frac{5}{8} =$$

$$\frac{3}{4} + \frac{5}{8} =$$

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