Chp 2 Operations Name:_____

Crypto

The object of this game is to generate a target number using a set of four given numbers and any operations, $+, -, \times, \div$, (and parentheses) as often as you choose. To play, you are given four numbers, like 2, 4, 5, and 8, and a target number, like 12. You must use the four numbers exactly once each and write a mathematical sentence that equals the target number.

Example: In this example we would use the numbers 2, 4, 5, and 8 to make the number 12:

$$2 \times 5 + 8 \div 4 = 12$$

Note that each number was used exactly once.

Similarly, if the target number were 11, we could write $2 + 5 + 8 - 4 = 11$.

Your mission: Using the numbers 2, 3, 5, and 7 exactly once in each expression, and any operations, $+, -, \times, \div$ (and parentheses), generate the numbers 0 through 10.

$0 =$ _____

$1 =$ _____

$2 =$ _____

$3 =$ _____

$4 =$ _____

$5 =$ _____

$6 =$ _____

$7 =$ _____

$8 =$ _____

$9 =$ _____

$10 =$ _____