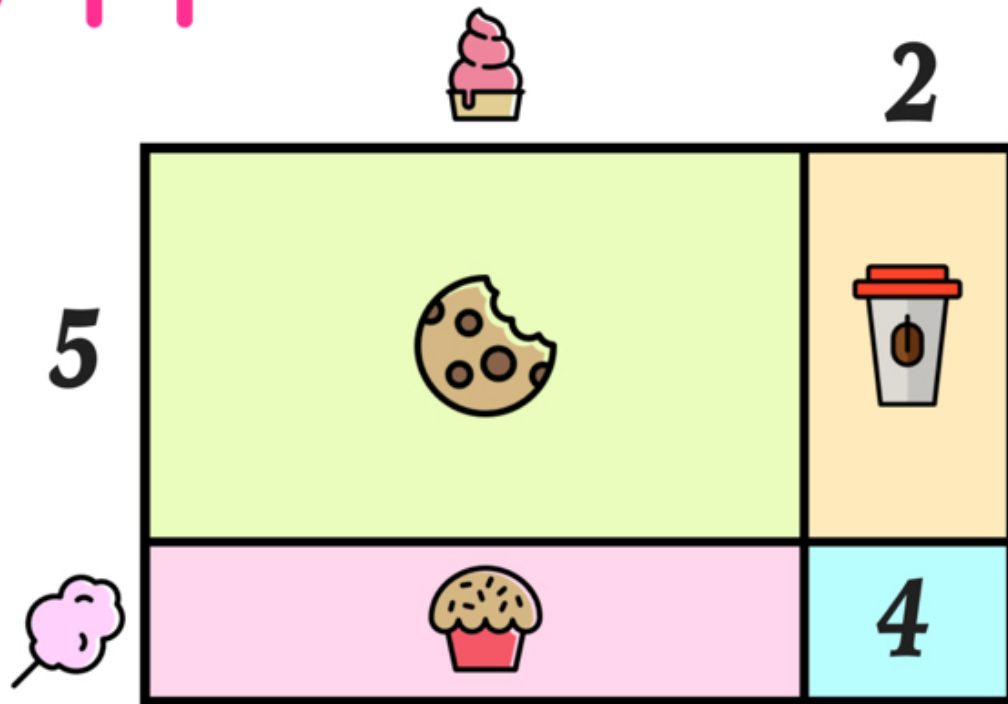Name: _____

# Ready for a Challenge?

**Directions:** Find the value of each symbol in the area model below so that the entire box represents the value:

**714**

102x7
Cupcake=100
Cotton Candy=2
Cookie=500
Coffee=10
Muffin=200

Area Models work like a Bingo Board where each box represents the product of its corresponding column and row and the sum of all four inner boxes represents the total.



$14 \times 12 = 168$

$$
\begin{array}{r}
100 \\
40 \\
20 \\
+\phantom{0}8 \\
\hline
168
\end{array}
$$