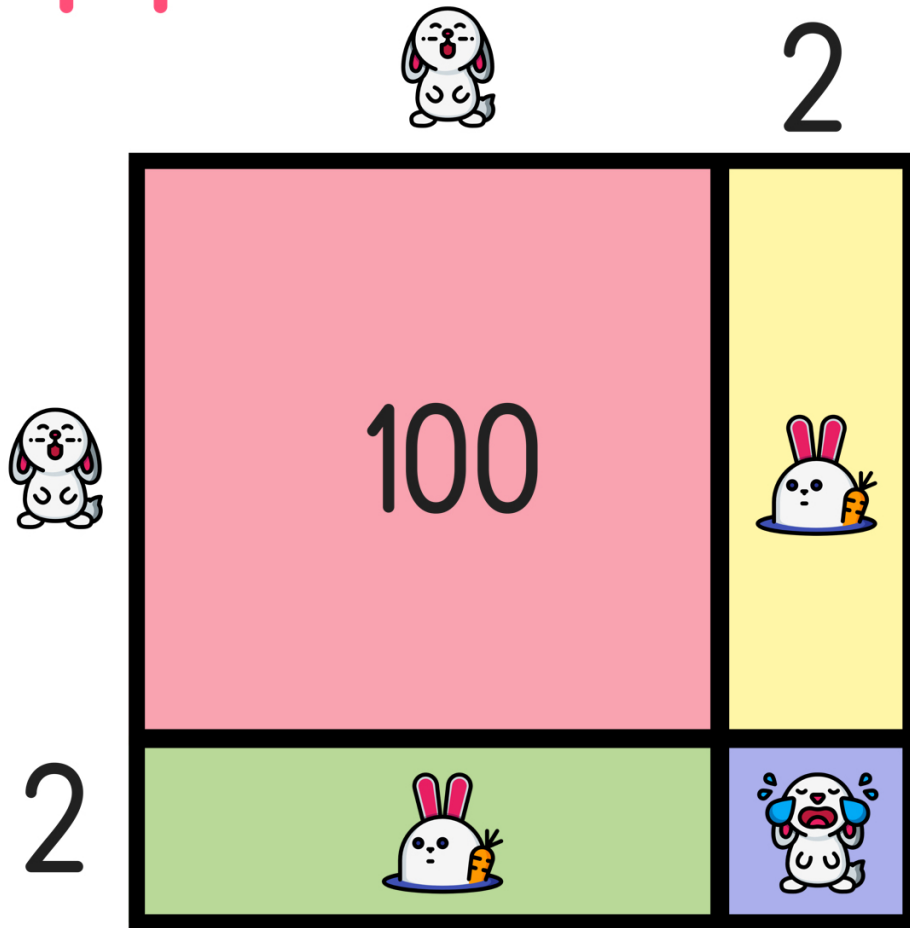# Ready for a Challenge?

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

144

Happy=10
Sad=4
In Ground=20

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.

10   4

10×10

| 10 | 100 | 40 |
| 2 | 20 | 8 |

$14 \times 12 = 168$

→ 100
40
20
+ 8
168