Name : _____ Date : _____

PAPILUMO / 2nd Grade (ages 7–8)

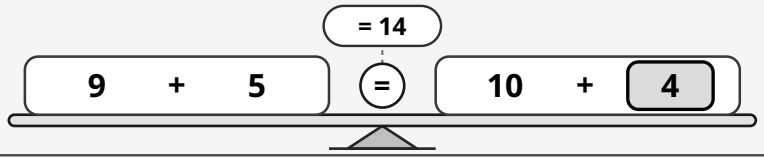
Balancing Equations to 20

First solve the complete side of each beam, write the target value in the center box, then fill in the missing number to keep both sides equal.



Uma the bear is checking her number beams: both sides must share the exact same value to stay level!

Example: 9 + 5 = 14, so 10 + 4 = 14



1. Addition balance beams to 20: find the target value, then balance each equation

1 = ☐

8 + 7 = 10 + ☐

2 = ☐

☐ + 6 = 9 + 4

3 = ☐

7 + ☐ = 8 + 8

4 = ☐

9 + 8 = ☐ + 5

5 = ☐

11 + 7 = 9 + ☐

6 = ☐

☐ + 12 = 13 + 7

2. Mixed challenge (+ and −): balance the last two equations

7 = ☐ + / −

19 − 7 = 8 + ☐

8 = ☐ + / −

☐ − 5 = 4 + 7

Tip: the = sign in the middle means “same value on both sides.” Always solve the side without a blank box first!