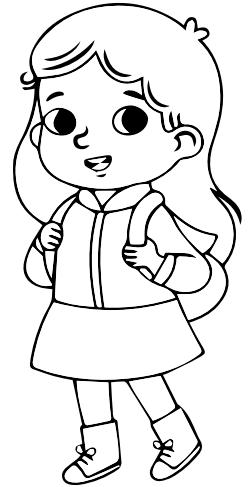




# Balancing Equations: Review Sheet



Name: \_\_\_\_\_

Date: \_\_\_\_\_

**What is a Balanced Equation?**

A balanced equation is an equation where both sides are equal. This means the numbers and operations on the left side of the equation are the same as the numbers and operations on the right side.

For example:

$$3 + 4 = 7$$

Both sides are equal, so the equation is balanced.

**Key Concepts:**

**1. Addition and Subtraction:**

You can balance an equation using + or -.

● Example:

●  $8 + 3 = 10 + 1$

Both sides are equal, so it is balanced.

**2. Using the Same Number on Both Sides:**

The numbers on both sides should result in the same total or answer.

● Example:

●  $4 + \underline{\quad} = 9 - 1$

The blank should be filled with 5 because  $4 + 5 = 9 - 1$ .

**Try These!**

Fill in the blank with the correct symbol or number to balance the equation.

1.  $6 \underline{\quad} 3 = 4 + 2$

5.  $4 + \underline{\quad} = 12 - 3$

2.  $7 + \underline{\quad} = 12 - 3$

3.  $\underline{\quad} \times 4 = 20 - 4$

4.  $\underline{\quad} + 7 = 15 - 2$