

Cornell (

Number Decomposition to 10

Today's Standard

K.OA.A3 - Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., 5 = 2 + 3 and 5 = 4 + 1).

Cues	Notes
What is number decomposition?	Number decomposition means breaking down a number into two or more smaller numbers.
How can we decompose the number 5?	The number 5 can be decomposed into $2 + 3$, $1 + 4$, or $0 + 5$.
Why is it important to know different ways to decompose numbers?	Knowing different ways to decompose numbers helps with understanding addition and subtraction.
W/bat is a common	One misconception is that there is only one way to decompose a number.
misconception about decomposing numbers?	Using visual aids and manipulatives can show that the order of numbers does not affect the sum.
How can we correct the misconception about the order of numbers?	

Summary

Number decomposition involves breaking down numbers into pairs in various ways, which is essential for understanding addition and subtraction. Common misconceptions include thinking there is only one way to decompose a number and confusing the order of numbers in an equation.