



Arithmetic Patterns in Tables

Today's Standard

3.OA.D9 - Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations. For example, observe that 4 times a number is always even, and explain why 4 times a number can be decomposed into two equal addends.

Cues	Notes
Arithmetic Patterns	Arithmetic patterns can be found in addition and multiplication tables.
Even and Odd Numbers	4 times any number is always even because it can be split into two equal parts.
Properties of Operations	Properties of operations help explain why these patterns occur.

Summary

Understanding arithmetic patterns helps in recognizing consistent behaviors in addition and multiplication tables, which are explained using properties of operations.