Multiplicative Comparisons

Today's Standard

4.OA.A1 - Interpret a multiplication equation as a comparison, e.g., interpret 35 = 5 * 7 as a statement that 35 is 5 times as many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations.

Cues	Notes
What is a multiplicative comparison?	Multiplicative comparison: A way to compare quantities by showing how many times one quantity is as large as another.
How do you interpret 35 = 5 * 7?	35 = 5 * 7 means that 35 is 5 times as many as 7 and 7 times as many as 5.
What is the difference between additive and multiplicative comparisons?	Additive comparison involves adding a certain amount to one quantity, while multiplicative comparison involves multiplying one quantity by a certain factor.

Summary

Multiplicative comparisons help students understand how quantities relate to each other by using multiplication. This concept is foundational for algebraic thinking and problem-solving.