Comparing Fractions

Today's Standard

3.NF.A3d - Compare two fractions with the same numerator or the same denominator by reasoning about their size. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with the symbols >, =, or <, and justify the conclusions, e.g., by using a visual fraction model.

Cues	Notes
What is a fraction?	A fraction represents a part of a whole.
How do you compare fractions?	Compare fractions by reasoning about their size, especially when they have the same numerator or denominator.
Why must fractions refer to the same whole?	Comparisons are valid only when fractions refer to the same whole.
What symbols are used to compare fractions?	Use symbols >, =, or < to record comparison results.
How can visual models help in comparing fractions?	Visual models, such as pie charts and bar models, help illustrate fraction sizes and comparisons.

Summary

To compare fractions with the same numerator or denominator, ensure they refer to the same whole and use visual models to justify comparisons. Record results with >, =, or < symbols.