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Comparing Fractions

Today's Standard

4.NF.A2 - Compare two fractions with different numerators and different denominators, e.g., by creating common denominators or numerators, or by comparing to a benchmark fraction such as 1/2. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with 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 and is written as a/b where a is the numerator and b is the denominator.
How do you compare fractions?	
	Compare fractions by finding common denominators or numerators, or by
What is a common denominator?	using benchmark fractions like 1/2.
	A common denominator is a shared multiple of the denominators of two
What are benchmark fractions?	or more fractions.
How do you record comparison results?	Benchmark fractions are simple, common fractions like 1/2 that are used to compare other fractions.
	Record comparison results using symbols $>$, =, or $<$, and justify conclusions with visual models.

Summary

To compare fractions, find common denominators or numerators, or use benchmark fractions. Record results with >, =, or < symbols and justify with visual models.