Solving Linear Equations

Today's Standard

8.EE.C7b - Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.

Cues	Notes
What is the distributive property?	The distributive property involves multiplying a single term by each term within a parenthesis.
How do you combine like terms?	Combining like terms means adding or subtracting terms with the same variable and exponent.
What are rational number coefficients?	Rational number coefficients are numbers that can be expressed as a fraction.
What is a linear equation?	A linear equation is an equation that makes a straight line when graphed.
Why is this standard important?	This standard is important as it lays the foundation for more advanced algebraic concepts.

Summary

Understanding how to solve linear equations with rational number coefficients using the distributive property and combining like terms is crucial for progressing in algebra and other mathematical disciplines.