



Multiplying and Dividing Rational Numbers

Today's Standard

7.NS.A2 - Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.

Cues	Notes
What are rational numbers?	Rational numbers include fractions, decimals, and integers.
How do you multiply rational numbers?	To multiply rational numbers, multiply the numerators and denominators separately.
How do you divide rational numbers?	To divide, multiply by the reciprocal of the divisor. Multiplying two negative numbers results in a positive product.
What happens when you multiply two negative numbers?	Common mistakes include misapplying whole number rules and misunderstanding the signs.
What are common mistakes in multiplying/dividing rational numbers?	

Summary

Understanding how to multiply and divide rational numbers is essential for solving complex mathematical problems and applying math in real-world contexts. Key points include the proper handling of negative numbers and avoiding common mistakes.