



Understanding Fraction Multiplication

Today's Standard

5.NF.B5a - Comparing the size of a product to the size of one factor on the basis of the size of the other factor, without performing the indicated multiplication.

| Cues | Notes |
|-------------------------|--|
| Fraction Multiplication | Comparing products without performing multiplication |
| Comparing Products | Understanding how the size of one factor affects the product |
| Misconceptions | Common misconceptions: product always smaller, product always whole number Interventions: visual models, diverse examples |

Summary

This standard involves comparing the size of a product relative to the factors without performing the multiplication. Key concepts include understanding how factor sizes affect the product and addressing common misconceptions.