



Multiplication and Division Strategies

Today's Standard

3.OA.C7 - Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one knows $40 \div 5 = 8$) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.

Cues	Notes
Multiplication	Multiplication involves combining equal groups.
Division	Division involves splitting a total into equal groups.
Inverse Operations	Multiplication and division are inverse operations.
Strategies	Strategies include skip counting, arrays, and the distributive property.
Fluency	Fluency means quick and accurate recall of facts.

Summary

Understanding multiplication and division, and their relationship, is crucial for developing math fluency. Using various strategies helps in mastering these operations.