

# Fluency

Fluency is not just about memorization; it is about having a working understanding and mastery of operations, relationships, and concepts. *Reveal Math* speaks to all the elements of fluency throughout each unit.

## Daily Fluency Activities

**Number Routines** develop a strong number sense and promote an efficient and flexible application of strategy to solve unknown problems. Students use discussion and reasoning to help make the most of the previously learned strategy.

Number Routines are a daily opportunity to focus on the development and strengthening of number sense and can be used throughout the day when time permits.

Number Routine: Would You Rather?

Number Routine

Would You Rather?

Would you rather have the number of pennies in A or B?

A	B
$50 + 50 + 400$	$200 + 200$
$440 + 10$	$300 + 275$
500	$125 + 225$



**Digital Games** provide ample practice of previously learned content to develop proficiency and fluency throughout the year.

Module 1: Ratios & Rates Prep

Question 5 of 7

Question 5

A recipe for a punch calls for 12 fluid ounces of orange juice. Reyna needs to make 4 batches of punch for a party. How many quarts of orange juice will Reyna need?

0.357 quarts

15 quarts

3 quarts

6 quarts

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Next Question Check Answer Submit Assignment

**Spiral Review** provides practice with mixed standard coverage for major clusters within the grade level to prepare students for end-of-year testing.

# Unit Fluency Practice

Available in the print and interactive Student Edition, **Fluency Practice** is built into every unit review and includes:

- Fluency Strategy – focus on practice with the strategy
- Fluency Flash – a check for understanding
- Fluency Check – students utilize whichever strategies they are most comfortable using
- Fluency Talk – students share their responses and communicate their understanding

**Fluency Practice**

**Fluency Strategy**

You can use partial sums to find a sum.

**Partial Sums**

$$\begin{array}{r} 200 + 300 \\ 50 + 10 \\ 3 + 6 \\ \hline 253 + 316 \\ \hline 569 \end{array}$$

**Build Fluency Objective** Students review using partial sums within 100 to add.

**Fluency Progression**

Unit	Skill	Standard
1	Add and Subtract 0, 1, and 2 (Within 100)	2.NBT.B.5
2	Use 10 (Within 100)	2.NBT.B.5
3	Use Partial Sums to Add (Within 100)	2.NBT.B.5
4	Decompose to Subtract (Within 100)	2.NBT.B.5
5	Use Partial Sums to Add (Within 1,000)	3.NBT.A.2
6	Decompose to Subtract (Within 1,000)	3.NBT.A.2
7	Multiply by 2	3.OA.C.7
8	Multiply by 10	3.OA.C.7
9	Multiply by 5	3.OA.C.7
10	Multiply by 4	3.OA.C.7

**Fluency Progressions** are built into the program design to help teachers easily identify the objective and sequence of fluency activities.