Grade 5 MATHEMATICS

STUDENT EDITION | UNIT 1

One grade, one subject. Type answers in a compatible PDF viewer, save privately to your device or print blank and write by hand.

Student initials: _____ Date: _____

Grade 5 | MATHEMATICS

STUDENT WORKBOOK - Unit 1

Mathematics only. No Language Arts, Science, History or Scripture assignments appear in this workbook.

Lesson 1: Fractions and decimal operations

Learn the Concept

Teacher explanation: To add unlike fractions, find a common denominator. For 3/4+1/8, write 6/8+1/8=7/8. Decimal multiplication uses place value: 2.4 x 0.6=1.44.

Guided Example

Read the example in the lesson explanation. Use a drawing, number line, manipulatives or written equation to explain each step to a parent or teacher.

Independent Practice: 10 Problems

1. Compute 2/3 + 1/6.

2. Compute 5/8 - 1/4.

3. Compute 3/5 of 40.

4. Compute 2.4 x 0.6.

5. Compute 7.85 + 4.70.

6. Compute 12.6 - 8.37.

7. Compute 4.5 x 3.

8. Find volume of a box 4 x 5 x 6 cm.

9. Plot (2,3) and (5,1) on a first-quadrant grid.

10. Advanced: a recipe needs 3/4 cup per batch. Find amount for 2 1/2 batches and justify.

Check Your Work

Show the steps for at least two problems and explain how you know your answer is reasonable. If you find an error, correct it and try a different example.

Advanced Scholar Extension

When these problems are easy, use the next grade’s mathematics unit or the Advanced Scholars pathway after showing mastery. Do not accelerate solely because of age.