

# MATHEMATICS - INTERMEDIATE

## Solved!

*Solved!* is a program for Intermediate Math. It revolves around the lives of Tinay, Loloy, and Bubut who live in Barangay Pulang Bato. Each episode illustrates a Math concept through real-life situations, like finding out how many yards of cloth will be needed for a blouse or how long it will take to walk from one barangay to another.

Medium: **English and Filipino**

**Grade Level: 5**

**Learning Competency: Whole Numbers – Multiplication**

**MULTIPLICATION OF UP TO 3-DIGIT FACTORS BY 1- TO 2-DIGIT FACTORS**

*This episode illustrates how to multiply numbers having up to 3-digit factors by numbers with 1-digit to 2-digit factors (e.g.  $256 \times 34$ ).*

Jun 13 (Mon)	10:00am - 10:20am
Jun 15(Wed)	10:00am -10:20am
Jun 17(Fri)	2:40pm - 3:00pm
Jun 20(Mon)	10:00am -10:20am
Jun 22(Wed)	10:00am -10:20am
Jun 24 (Fri)	2:40pm - 3:00pm

**Grade Level: 5**

**Learning Competency: Whole Numbers – Multiplication**

**MULTIPLICATION OF 3-DIGIT FACTORS BY 1- TO 2-DIGIT FACTORS WITH ZERO DIFFICULTY**

*This episode deals with the application on multiplying 3-digit factors by 1- to 2-digit factors with zero difficulty (e.g.  $304 \times 50$ ).*

Jun 13 (Mon)	2:40pm - 3:00pm
Jun 15 (Wed)	2:40pm - 3:00pm
Jun 17 (Fri)	10:00am -10:20am
Jun 20 (Mon)	2:40pm-3:00pm
Jun 22 (Wed)	2:40pm-3:00pm
Jun 24 (Fri)	10:00 am -10:20am
Jun 27(Mon)	10:00am -10:20am
Jun 29(Wed)	10:00am -10:20am
Jul 1 (Fri)	2:40pm-3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Fractions**

**EQUAL FRACTIONS**

*This episode teaches how to identify equal fractions through real-life applications.*

Jun 27 (Mon) 2:40pm - 3:00pm  
Jun 29 (Wed) 2:40pm - 3:00pm  
Jul 1 (Fri) 10:00am -10:20am

Jul 4 (Mon) 10:00am - 10:20am  
Jul 6 (Wed) 10:00am - 10:20am  
Jun 8 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Fractions**

**FRACTIONS IN HIGHER AND LOWER TERMS**

*This episode deals with the renaming of fractions in higher and lower terms. It instructs the students on the proper steps involved in reducing and increasing the terms of a given fraction.*

Jul 4 (Mon) 2:40pm - 3:00pm  
Jul 6 (Wed) 2:40pm - 3:00pm  
Jul 8 (Fri) 10:00am -10:20am

Jul 11 (Mon) 10:00am - 10:20am  
Jul 13 (Wed) 10:00am - 10:20am  
Jun 15 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Fractions**

**ESTIMATING FRACTIONS CLOSE TO 0,  $\frac{1}{2}$  TO 1**

*This episode demonstrates ways of estimating whether a fraction is closer to zero, to one-half, or to one.*

Jul 11 (Mon) 2:40pm - 3:00pm  
Jul 13 (Wed) 2:40pm - 3:00pm  
Jul 15(Fri) 10:00am -10:20am

Jul 18 (Mon) 10:00am - 10:20am  
Jul 20 (Wed) 10:00am - 10:20am  
Jul 22 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Fractions**

**LEAST COMMON MULTIPLE**

*This episode instructs how to find the least common multiple of two or more numbers.*

Jul 18 (Mon) 2:40pm - 3:00pm  
Jul 20 (Wed) 2:40pm - 3:00pm  
Jul 22 (Fri) 10:00am -10:20am

Jul 25 (Mon) 10:00am - 10:20am  
Jul 27 (Wed) 10:00am - 10:20am  
Jun 29 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Addition Of Fractions**

**ADDITION OF SIMILAR FRACTIONS**

*This episode focuses on adding two to four similar fractions (e.g.  $\frac{3}{8} + \frac{2}{8}$ ).*

Jul 25 (Mon)	2:40pm - 3:00pm
Jul 27 (Wed)	2:40pm - 3:00pm
Jul 29 (Fri)	10:00am -10:20am
Aug 1 (Mon)	10:00am - 10:20am
Aug 3 (Wed)	10:00am - 10:20am
Aug 5 (Fri)	2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Addition Of Fractions**

**ADDITION OF DISSIMILAR FRACTIONS**

*This episode illustrates how to add dissimilar fractions in simple forms (e.g.  $\frac{1}{2} + \frac{3}{8}$ ).*

Aug 1 (Mon)	2:40pm - 3:00pm
Aug 3 (Wed)	2:40pm - 3:00pm
Aug 5 (Fri)	10:00am -10:20am
Aug 8 (Mon)	10:00am - 10:20am
Aug 10 (Wed)	10:00am - 10:20am
Aug 12 (Fri)	2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Addition of Fractions**

**ADDITION OF DISSIMILAR FRACTIONS AND WHOLE NUMBERS**

*This episode introduces the practical applications of adding dissimilar fractions and whole numbers (e.g.  $\frac{1}{2} + \frac{3}{8} + 7$ ).*

Aug 8 (Mon)	2:40pm - 3:00pm
Aug 10 (Wed)	2:40pm - 3:00pm
Aug 12 (Fri)	10:00am -10:20am
Aug 15 (Mon)	10:00am - 10:20am
Aug 17 (Wed)	10:00am - 10:20am
Aug 19 (Fri)	2:40pm - 3:00pm

**Grade Level: 5**

**Learning Competency: Rational Numbers – Addition of Fractions**

**ADDING WHOLE NUMBERS AND MIXED FRACTIONS**

*This episode illustrates how to add whole numbers and mixed fractions (e.g.  $3 + \frac{3}{4}$ ).*

Aug 15 (Mon)	2:40pm - 3:00pm
Aug 17 (Wed)	2:40pm - 3:00pm
Aug 19 (Fri)	10:00am -10:20am
Aug 22 (Mon)	10:00am - 10:20am
Aug 24 (Wed)	10:00am - 10:20am
Aug 26 (Fri)	2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Addition Of Fractions**

**ADDITION OF DISSIMILAR FRACTIONS IN MIXED FORMS**

*This episode teaches how to add dissimilar fractions in simple and mixed forms (e.g.  $2\frac{3}{4} + 3\frac{1}{2}$ ).*

Aug 22 (Mon) 2:40pm - 3:00pm  
Aug 24 (Wed) 2:40pm - 3:00pm  
Aug 26 (Fri) 10:00am - 10:20am

Aug 29 (Mon) 10:00am - 10:20am  
Aug 31 (Wed) 10:00am - 10:20am  
Sep 2 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Subtraction Of Fractions**

**SUBTRACTION OF FRACTIONS FROM MIXED NUMBERS WITH COMMON DENOMINATORS WITHOUT REGROUPING**

*This episode explains how to subtract fractions from mixed numbers with common denominators without regrouping (e.g.  $3\frac{3}{4} - \frac{1}{4}$ ).*

Aug 29 (Mon) 2:40pm - 3:00pm  
Aug 31 (Wed) 2:40pm - 3:00pm  
Sep 2 (Fri) 10:00am - 10:20am

Sep 5 (Mon) 10:00am - 10:20am  
Sep 7 (Wed) 10:00am - 10:20am  
Sep 9 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Subtraction Of Fractions**

**SUBTRACTION OF FRACTIONS FROM MIXED NUMBERS WITH COMMON DENOMINATORS WITH REGROUPING**

*This episode teaches how to subtract fractions from mixed numbers and how to apply this knowledge in everyday activities (e.g.  $3\frac{1}{4} - \frac{3}{4}$ ).*

Sep 5 (Mon) 2:40pm - 3:00pm  
Sep 7 (Wed) 2:40pm - 3:00pm  
Sep 9 (Fri) 10:00am - 10:20am

Sep 12 (Mon) 10:00am - 10:20am  
Sep 14 (Wed) 10:00am - 10:20am  
Sep 16 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Subtraction of Fractions**

**SUBTRACTION OF MIXED NUMBERS FROM WHOLE NUMBERS**

*This episode deals with subtraction of mixed numbers from whole numbers ( $5\frac{1}{4} - 2$ ).*

Sep 12 (Mon) 2:40pm - 3:00pm  
Sep 14 (Wed) 2:40pm - 3:00pm

Sep 16 (Fri) 10:00am -10:20am

Sep 19 (Mon) 10:00am - 10:20am

Sep 21 (Wed) 10:00am - 10:20am

Sep 23 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Subtraction of Fractions**

**SUBTRACTION OF WHOLE NUMBERS FROM MIXED NUMBERS AND OF MIXED NUMBERS FROM MIXED NUMBERS WITH COMMON DENOMINATORS WITHOUT REGROUPING**

*This episode instructs how to subtract whole numbers from mixed numbers and of mixed numbers (e.g.  $3\frac{3}{4} - 3$ ,  $3\frac{3}{4} - 2\frac{1}{4}$ ).*

Sep 19 (Mon) 2:40pm - 3:00pm

Sep 21 (Wed) 2:40pm - 3:00pm

Sep 23 (Fri) 10:00am -10:20am

Sep 26 (Mon) 10:00am - 10:20am

Sep 28 (Wed) 10:00am - 10:20am

Sep 30 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Subtraction Of Fractions**

**SUBTRACTION OF MIXED NUMBERS FROM MIXED NUMBERS WITH COMMON DENOMINATORS WITH REGROUPING**

*This episode deals with subtraction of mixed numbers from mixed numbers with common denominators with regrouping (e.g.  $5\frac{1}{4} - 2\frac{3}{4}$ ).*

Sep 26 (Mon) 2:40pm - 3:00pm

Sep 28 (Wed) 2:40pm - 3:00pm

Sep 30 (Fri) 10:00am -10:20am

Oct 3 (Mon) 10:00am - 10:20am

Oct 5 (Wed) 10:00am - 10:20am

Oct 7 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Subtraction of Fractions**

**SUBTRACTION OF MIXED NUMBERS WITH DISSIMILAR FRACTIONS WITHOUT REGROUPING**

*This episode focuses on the subtraction of mixed numbers with dissimilar fractions without regrouping (e.g.  $5\frac{3}{4} - 1\frac{1}{3}$ ).*

Oct 3 (Mon) 2:40pm - 3:00pm

Oct 5 (Wed) 2:40pm - 3:00pm

Oct 7 (Fri) 10:00am -10:20am

Oct 10 (Mon) 10:00am - 10:20am

Oct 12 (Wed) 10:00am - 10:20am

Oct 14 (Fri) 2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Subtraction of Fractions**

**SUBTRACTION OF MIXED NUMBERS WITH DISSIMILAR FRACTIONS WITH REGROUPING**

*This episode illustrates the subtraction of mixed numbers with dissimilar fractions with regrouping (e.g.  $5\frac{1}{4} - \frac{2}{3}$ ).*

Oct 10 (Mon)	2:40pm - 3:00pm
Oct 12 (Wed)	2:40pm - 3:00pm
Oct 14 (Fri)	10:00am -10:20am
Oct 17 (Mon)	10:00am - 10:20am
Oct 19 (Wed)	10:00am - 10:20am
Oct 21 (Fri)	2:40pm - 3:00pm

**Grade Level: 5 and 6**

**Learning Competency: Rational Numbers – Multiplication of Fractions**

**MULTIPLICATION OF MIXED FORMS BY A FRACTION**

*This episode deals with the multiplication of mixed numbers and whole numbers by a fraction (e.g.  $3\frac{3}{4} \times \frac{2}{3}$ ,  $3 \times \frac{2}{3}$ ).*

Oct 17 (Mon)	2:40pm - 3:00pm
Oct 19 (Wed)	2:40pm - 3:00pm
Oct 21 (Fri)	10:00am -10:20am
Oct 24 (Mon)	10:00am - 10:20am
Oct 26 (Wed)	10:00am - 10:20am
Oct 28 (Fri)	2:40pm - 3:00pm

**Grade Level: 6**

**Learning Competency: Rational Numbers – Division of Fractions**

**DIVISION OF FRACTIONS: WHOLE NUMBERS BY FRACTIONS**

*This episode discusses the division of whole numbers by fractions (e.g.  $5 \div \frac{2}{3}$ ).*

Oct 24 (Mon)	2:40pm - 3:00pm
Oct 26 (Wed)	2:40pm - 3:00pm
Oct 28 (Fri)	10:00am -10:20am