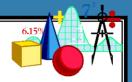
Mathematics, Grade 7 Unit IV: Lesson 4

Report: Repeating Decimals to Fractions



Review from your math textbook, the procedure for changing a terminating decimal like .666... to a fraction like 333/500 in lowest terms.

Analyze your procedure and modify it so that you can determine a method to change a repeating decimal like .666... to a fraction 2/3 in lowest terms.

Share your method in an oral report given to your class.

Extension: Try to find a method to change .6363... to a fraction 7/11 in lowest terms.

Hyperextension: Try to find a method to change 2.16363... to a mixed fraction in lowest terms.

FORTE: Mathematics, Grade 7 - Unit IV: Lesson 4