

MATH

LESSON OBJECTIVES

1. Reason concretely and pictorially using place value understanding to relate adjacent base ten units from millions to thousandths.
2. Reason abstractly using place value understanding to relate adjacent base ten units from millions to thousandths.
3. Use exponents to name place value units and explain patterns in the placement of the decimal point.
4. Use exponents to denote powers of 10 with application to metric conversions.
5. Name decimal fractions in expanded, unit, and Word forms by applying place value reasoning.
6. Compare decimal fractions to the thousandths using like units and express comparisons with $>$, $<$, or $=$.
7. Round a given decimal to any place using place value understanding and the vertical number line.
8. Round a given decimal to any place using place value understanding and the vertical number line.
9. Add decimals using place value strategies and relate those strategies to a written method.
10. Subtract decimals using place value strategies and relate those strategies to a written method.
11. Multiply a decimal fraction by single digit whole numbers, relate to a written method through application of the area model and place value understanding, and explain the reasoning used.
12. Multiply a decimal fraction by single-digit whole numbers, including using estimation to confirm the placement of the decimal point.
13. Divide decimals by single-digit whole numbers involving easily identifiable multiples using place value understanding and relate to a written method.
14. Divide decimals with a remainder using place value understanding and relate to a written method.
15. Divide decimals using place value understanding including remainders in the smallest unit.
16. Solve word problems using decimal operations.

