

Sixth Grade Math

NUMBER SENSE
NUMBER SYSTEMS
NUMBER THEORY
3 Basic Understanding Questions
19 Thinking Skills Questions

CONTENT STANDARDS

Students will

1. Demonstrate proficiency in the use of whole number and decimal concepts. *Stanford 10*
 - Rounding
 - Determining place value
 - Naming, ordering, comparing
2. Demonstrate an understanding of decimals using expanded notation.
3. Exhibit proficiency in the use of fractions and mixed numbers. *Stanford 10*
 - Comparing, ordering
 - Changing to equivalent forms
 - Changing to lowest terms
4. Demonstrate proficiency in multiplying and dividing fractions. *Stanford 10*
5. Add and subtract fractions that do not have common denominators. *Stanford 10*
6. Demonstrate proficiency in adding, subtracting, and multiplying decimals. *Stanford 10*
7. Divide decimals. *Stanford 10*
 - Whole number divisor
 - Decimal divisors (tenths)
8. Demonstrate proficiency in using methods of estimation appropriate to a given situation. *Stanford 10*
9. Demonstrate proficiency in using estimation to determine whether results are reasonable.