

**Math – Grade 6**  
**Hartley-Melvin-Sanborn CSD**  
**Grade Level/Course Benchmarks**

- 6.1 Use common computation procedures to solve problems involving fractions, decimals and percents. (Standard 1)
- 6.2 Compare and order fractions, decimals, and percents efficiently and find their approximate locations on a number line. (Standard 1)
- 6.3 Understand and use ratios and proportions to solve problems. (Standards 4 and 6)
- 6.4 Understand and use the properties of operations to simplify computations and solve problems. (Standards 1, 4, 6)
- 6.5 Use the inverse relationship of addition/subtraction and multiplication/division to simplify computations and solve problems. (Standards 1 and 4)
- 6.6 Develop and use appropriate strategies to estimate results of computations and judge the reasonableness of results. (Standards 1 and 6)
- 6.7 Develop conceptual understanding of uses of variables. (Standard 4)
- 6.8 Work flexibly with symbolic algebra to represent situations and solve one-step problems. (Standards 4, 6)
- 6.9 Generate various representations including graphs, tables, and equations to solve problems. (Standards 2, 4, 6)
- 6.10 Communicate verbally and/or graphically to explain the processes used when problem solving. (Standard 6)

Note: Geometry is not a focal point for 6<sup>th</sup> grade. Connections are made to geometry through other concepts.

Revised: November, 2007