

# SD 38 K-12 Mathematics & Numeracy

## Grades 6&7: Week Two

**Big Idea:** Computational fluency develops from a strong sense of number.

**Curricular Content:** multiplication and division facts to 100 and application/use of these facts when multiplying and dividing larger numbers

**Curricular Competencies:** develop mental math strategies and abilities to make sense of quantities, communicate mathematical thinking in many ways, represent mathematical ideas in concrete, pictorial, and symbolic forms

**Core Competencies focus:** Communication

Teachers and Families: The following are five problems/tasks to choose from for this week, based on the above curricular areas of focus.

Choose a question: $3 \times 4$ , $4 \times 8$ , $6 \times 8$ , $4 \times 16$ , $8 \times 12$ What different strategies can you use to multiply these numbers? How can you show or record how you figured out the answer?
Choose a question: $15 \div 3$ , $18 \div 6$ , $36 \div 4$ , $56 \div 8$ , $80 \div 10$ What different strategies can you use to divide these numbers? How can you show or record how you figured out the answer?
Choose a set of numbers: What multiplication and division problems can you create with these numbers? How will you show what strategies you used to solve the problems?
Choose one multiplication question and one division question: multiplication: $28 \times 12$ , $95 \times 15$ , $375 \times 432$ division: $180 \div 12$ , $890 \div 12$ , $1800 \div 15$ Use at least two different strategies to solve each question How can you show or record how you figured out the answer?
<b>Numeracy Task:</b> When might you need to add or multiply numbers together when you are doing things at home? Write a math problem about this and show how you solved it.