

Content Standards & Benchmarks: Mathematics
Grade 6
West Des Moines Community School District

- Standard #1: Students will use mathematics to solve problems, communicate, and work with others.
- 6.1.a use correct operations to solve multiple-step problems.
 - 6.1.b use strategies (draw a picture, make a table, etc.) to solve nonroutine problems.
- Standard #2: Students will use measurement skills.
- 6.2.c find area of quadrilateral.
 - 6.2.d find perimeter of quadrilateral
 - 6.2.e find volume of rectangular prism.
- Standard #3: Students will use reasoning skills, mental mathematics, and estimation skills.
- 6.3.f use estimation to solve decimal problems.
- Standard #4: Students will perform mathematical operations and see relationships among numbers.
- 6.4.g convert simple fractions to percents.
 - 6.4.h convert simple fractions to decimals.
 - 6.4.i convert exponents to equivalent whole number standard form.
 - 6.4.j divide with decimals in divisors.
 - 6.4.k add and subtract with fractions (unlike denominators).
- Standard #5: Students will demonstrate a development of spatial sense.
- 6.5.l identify number of faces on 3-D space figures.
 - 6.5.m identify 3-D space figures when given multiple views.
 - 6.5.n identify 2-D shapes as similar or congruent.
- Standard #6: Students will collect and analyze data.
- 6.6.o analyze circle graphs.
 - 6.6.p analyze tables.
- Standard #7: Students will use patterns and relationships to solve problems.
- 6.7.q identify and complete number patterns (functions—function rules).