

Lesson Title: Least Common Multiples
Unit: Math Spreadsheets
Grade Level: 6 th Grade
Estimated time requirement: 1 class period
Summary (25-50 words): Students will set up a spreadsheet to find list multiples of a given number. They will use the spreadsheet to determine the least common multiple.
Objectives:
<ul style="list-style-type: none"> • Use a spreadsheet to find least common multiples.
Texas Essential Knowledge and Skills:
1E, 4B, 12A
Assessment:
<ul style="list-style-type: none"> • Completion of spreadsheet and student hand-out.
Materials:
<ul style="list-style-type: none"> • Student hand-out • Computer with spreadsheet program
Resources:
<ul style="list-style-type: none"> • <u>Glencoe Mathematics Applications and Connections</u>, McGraw-Hill Companies, Inc.
Prior Knowledge/Skills:
Procedures: Students will set formulas on a spreadsheet to calculate the multiples of a given number. Students will then input various numbers and determine the least common multiple of the numbers. The student hand-out explains how to set up the spreadsheet for this activity.
Modifications:
<ul style="list-style-type: none"> • Students can work with a partner if necessary to complete the activity.
Technology Infusion:
<ul style="list-style-type: none"> • Use a spreadsheet program such as EXCEL to find common multiples.
Cultural Connections:
Family Connection:
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