



Curriculum, Instruction & Professional Development  
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## Basic Math Facts and Math Application Guidelines 2007-2008 Implementation

Math Application skills have been added to the Basic Math Facts Assessment.

For a student to be considered **Advanced Proficient** the student must:

- complete the math facts 70 question test in less than five minutes
- get 97% correct on the math facts test (miss only two)
- take the **un-timed** math application test for each operation and work at least 4 of 5 correctly. Students must show their work to get credit.

If the student does not meet all three requirements for **Advanced Proficient**, then the highest level a student can attain is **Proficient**.

Proficiency Level	Percent	# Correct out of 70	Time	Math Application No Time Limit
<b>Advanced Proficient</b>	97%	68 - 70	≤ 5 min.	4 of 5 correct
<b>Proficient</b>	93%	65 - 67	≤ 10 min.	0 to 5 correct
<b>Partial Proficient</b>	90%	63 - 64	≤ 15 min.	Do not take
<b>Not Proficient</b>	< 90%	< 63	Any time	Do not take

Students who are **Proficient** on the 70-item basic facts test will remain **Proficient** regardless of their success on the application items. In order to be **Advanced Proficient**, a student must also be able to apply the basic facts knowledge to math problems involving multiple digits, successfully completing at least 4 out of 5 application problems.

### Procedures:

- All proficient students should take the Math Application tests as part of the Math Facts Assessment.
- Teachers will assess students on grade level math facts and math applications a minimum of once a month, per each operation, in each of the three trimesters.
- The highest duplicated proficiency level for each operation during the trimester shall be recorded in LROIX. For example, a student would need to score Advanced Proficient *twice* during the trimester, by completing at least 68/70 correct in less than 5 minutes on the facts test, *and* at least 4/5 correct on the application test.
- Research will use the math facts score that is reported in LROIX for the third trimester to determine whether or not a student is at risk of being retained.

These conditions were determined after discussions this year by Teachers' Council members. Teachers' Council representatives also shared information gathered through site discussions at each meeting. Representatives gave their final approval of these conditions on March 27, 2007.

Publication Authorized:  
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