



Basic Math Facts

Why is it so important for students to know their basic math facts?

- In order for students to attain higher level math skills they must be fluent in basic fact knowledge.
- A lack of basic fact knowledge impairs a student's ability to complete multiple-digit problems, long division, fractions, etc.
- A lack of math fact automaticity can lead to poor participation in math class discussions.
- A lack of math fact automaticity can impede mathematical problem solving and development of everyday life skills.
- Rapid math-fact retrieval effects performance on mathematical achievement tests.
- “If a student constantly has to compute the answers to basic facts, less of that student's thinking capacity can be devoted to higher level concepts than a student who can effortlessly recall the answers to basic facts.”



This information has been excerpted from the Scholastic Research Foundation Paper [Research Foundation & Evidence of Effectiveness for FASTT Math](#).

Found online at: <http://www.scholastic.com/teachers/article/math-fluency>