

## Basic Facts Testing Program at Runnels School

One of the critical skills that leads to success in math is the quick recall of basic addition, subtraction, multiplication, and division facts. As technology becomes an integral part of our lives, students need quick recall of these facts to estimate and check for errors. Without a sound knowledge of multiplication facts, students will struggle with fractions and algebra.

Therefore, the following chart gives a brief description of the basic facts requirements for each grade level so that you will be prepared for the next school year. We strongly recommend that your child practice these facts during the summer. Workbooks, flashcards, and computer programs are all ways to accomplish this. Upon return to school, your child will begin to have weekly graded quizzes on these facts. Such quizzes are only a portion of your child's overall average. It is also important to note that if your child is working in an advanced math class, he or she is responsible for the facts for that advanced grade placement.

<b>Grade</b>	<b>Goal*</b>	<b>"Basic Fact Quiz" Content</b>
<b>1</b>	10 facts in 1 minute	Add/sub facts through 9+9 in sets, starting in fall/ mixed facts after all sets are learned in longer time intervals
<b>2</b>	25 – 30 facts in 3 minutes	Review of mixed add/sub facts through 9+9 at beginning of school year Multiplication facts 0 – 5 and 10 (for example 5X0 up to 5X10)
<b>3</b>	25 facts in 2 1/2 minutes	Multiplication facts through 10x12 beginning with one set per week in first quarter working to mixed sets in third quarter
<b>4, 5, 6**</b>	100 facts in 5 minutes	Multiplication facts through 12x12
*Students will work toward this goal by the 2nd semester.		
**Mastery of all basic facts is expected at the beginning of 6th grade.		