

2017 Math Fluency Assessment Directions Grade 3

At the end of each quarter, you will administer a three part assessment. Each part should be administered separately. Review the assessment with students and explain that this assessment is to show what they know.

Multiplication and division assessment portions are timed. Students will have 4 minutes per page to complete multiplication and division problems. Initial times do not include the set marked with an apple (above grade level expectations).

After 4 minutes, give students a calm and quiet signal to stop and ask them to draw a vertical line on their paper directly after the last fact they completed so you can see how many problems the student finished in the initial time. Another option is to change the color of the writing tool in order to distinguish which was completed during the initial 4 minutes.

Provide a stretch and wiggle break. Following the break, give students another 2+ minutes to complete any remaining problems. Students who complete the first set of problems before the rest of the class should be invited to tackle the problems at the bottom of the sheet if appropriate to their skill level. Reassure students that if they didn't finish all the problems in 4 minutes or found some of the problems difficult, there will be many opportunities this year to develop speed and proficiency at calculating. Repeat the procedure described above for the second assessment preferably on a different day.

Addition and subtraction assessment portion is not timed. Unlike fluency with single digit operations, we are looking for students to show proficiency at arriving at the correct answer in a timely fashion. Time is not as essential in these longer operations. The students should be able to complete the addition/subtraction assessment in about 10 minutes, but if students need more time to complete the assessment accurately, at your discretion, please allow them the time that they need. Fluency does have a time aspect to it, but it is not the sole aspect.

Accuracy is paramount for this assessment.

How to enter grades in Skyward

You can set up events for formative assessments and mark them as NO COUNT if you choose.

The Math Fluency grade is a snapshot in time. Use one three-part quarterly common assessment to report to parents the student's proficiency level at the end of each quarter.

- Scroll over to the far right and find the columns to input fluency grades.

(Any problem not completed within the initial time allotment is considered an error.)

When determining a reporting descriptor, consider each assessment part separately.

ADDITION/SUBTRACTION:

EXT = 0 errors on addition/subtraction problems and at least one problem answered correctly on apple section

MTG = 0 or 1 error on addition/subtraction problems; score on apple section does not count

DEV = 2-4 errors on addition/subtraction problems; score on apple section does not count

BEG = more than 4 errors on addition/subtraction problems; score on apple section does not count

MULTIPLICATION:

EXT = 0 errors on multiplication problems and at least one problem answered correctly on apple section

MTG = 0 or 1 error on multiplication problems; score on apple section does not count

DEV = 2-4 errors on multiplication problems; score on apple section does not count

BEG = more than 4 errors on multiplication problems; score on apple section does not count

DIVISION:

EXT = 0 errors on division problems and at least one addition problem answered correctly on apple section

MTG = 0 or 1 error on division problems; score on apple section does not count

DEV = 2-4 errors on division problems; score on apple section does not count

BEG = more than 4 errors on division problems; score on apple section does not count

The fluency section of the report card will look like this:

Math Fluency				
Adds & Subtracts Fluently				
Multiplies Fluently				
Divides Fluently				

Example: A student misses 1 question on the addition/subtraction assessment

MATH FLUENCY:

Adds & Subtracts Fluently – MTG