



Turn assessments into action

Using Basic Math Series Tests

The MathMedia Basic Series™ includes a comprehensive set of testing, scoring and evaluation tools to monitor student comprehension and progress as well as pin point topics for further study and practice.

1. Go directly to the test to use it as a pre-test to pinpoint weaknesses or use the test as an assessment. See screen 1.
2. Student works through the test either at the computer or on paper. The last question prompts the student to have the computer score the test.
3. The score report indicates which questions were answered correctly and which were not. A raw score and percentage are calculated automatically. The print option offers a hard copy of the score sheet alone or the entire test with the student's answers.
4. With a simple click the student's work is evaluated and analyzed. The menus from the body of the program appear ready to be printed and used as reference where further study and practice is necessary.

The five programs in the "Basic Math Series" each have two separate tests (Test A and Test B) -- these tests are exactly alike except that the numbers have been changed and therefore, the answers are different. Use one as a pre-test and one as a post-test OR use one for one class period and one for another OR choose which one to give to a student who has been absent OR give one as practice and one for a grade... it's up to you.

Questions? Give us a call. We are here to make sure you and your students have a positive and effective learning experience. Together we can strive toward the goal of leaving no child behind.

1. **Name:** _____ **Date:** _____
 Mark the box which best describes your preparation for this test with an "X".
 I have worked through the entire computer program for "Fraction Basics".
 I have worked through some of the computer program for "Fraction Basics".
 I have not worked through the computer program for "Fraction Basics".
MENU **Print 'Fraction Basics' TEST A** **Begin TEST**
 FRACTION BASICS TEST A
 Choose print for student to perform on paper

2. **Equivalent Fractions QUESTION 1**
 Identify Equivalent Fractions on the Number Line
 0 1/4 1/2 3/4 1
 0 1/8 2/8
 (a) How many eighths...
 (b) How many eighths...
 (c) How many fourths...
Division QUESTION 20
 $4\frac{1}{2} \div 1\frac{1}{3}$
 Write your answer as an "improper fraction" in lowest terms and in a/b form.
 Previous **SCORE THIS TEST** This is the end.
 Section of program being tested

3. **Date:** 2/26/2018 **Student Name:** Betsy Ann Johnson
Score report for Fraction Basics™ (Test A)

Q1(a)	Q4(a)	Q8(a)	Q10(a)	Q14(a)	Q18
Q1(b)	Q4(b)	Q8(b)	Q10(b)	Q14(b)	Q19(a)
Q1(c)	Q4(c)	Q8(c)	Q10(c)	Q14(c)	Q19(b)
Q2(a)	Q4(d)	Q8(d)	Q10(d)	Q15(a)	Q20
Q2(b)	Q4(e)	Q8(e)	Q10(e)	Q15(b)	
Q2(c)	Q4(f)	Q8(f)	Q10(f)	Q15(c)	
Q2(d)	Q5(a)	Q9(a)	Q11	Q16(a)	
Q2(e)	Q5(b)	Q9(b)	Q12	Q16(b)	
Q3(a)	Q5(c)	Q9(c)	Q13(a)	Q17(a)	
Q3(b)	Q5(d)	Q9(d)	Q13(b)	Q17(b)	
Q3(c)	Q5(e)	Q9(e)	Q13(c)	Q17(c)	
Q3(d)	Q5(f)	Q9(f)	Q13(d)	Q17(d)	

Score: 44 / 60
73.3%
 Back **Evaluate weak areas** **MENU**
 FRACTION BASICS TEST A
 Date is auto-entered
 Student is prompted for name
 Score and percentage are automatically calculated
 Click to print report with or without the test

4. **Evaluation for Betsy Ann Johnson Date: 2/26/2018**
UNDERSTANDING FRACTIONS
MENU #1
 Need more practice:
 (1) What is a Fraction?
 (2) Equivalent Fractions
 (3) Reduce to Lowest Terms
 (4) Lowest Common Denominator (LCD)
 (5) Comparing Fractions
 (6) Convert Improper Fraction to Mixed Fraction
 (7) Convert Mixed Fraction to Improper Fraction
 (8) Graph
 (9) Conv...
USING FRACTIONS
MENU #2
 Need more practice:
 (10) What is a ratio?
 (11) What is a proportion?
 (12) Adding Fractions
 (13) Subtracting Fractions
 (14) Multiplying Fractions
 (15) Dividing Fractions
 (16) Fractions of Numbers
 (17) Operations on Mixed Numbers
PRINT **MENU**
 FRACTION BASICS TEST A
 "X" indicates weak area. Go to the main menu of the program for more practice
 Now, that your weaknesses have been evaluated, go to the Fraction Basics™ program and practice the marked sections.