

## Math Assessment

Student name: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

Instructions: Answer the following questions,  
using a pencil, eraser and a ruler.

Note: Do not use a calculator.

KG

- 1) Say the numbers from 1 – 10.
- 2) Write the numbers from 1 – 10 on the blanks below.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

3)  
Count.  
How many? \_\_\_\_



4)  
Count.  
How many? \_\_\_\_



5)  
Say the number.

4      7      9

# Math Assessment

Instructions: Answer the following questions,  
using a pencil, eraser and a ruler.  
Note: Do not use a calculator

Student name: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

<p>1.</p> <p>1) Say the numbers from 1 – 20.</p> <p>2) Write the numbers from 1 – 20 on the blanks below.</p> <p>_____ , _____ , _____ , _____ , _____ ,</p> <p>_____ , _____ , _____ , _____ , _____ ,</p> <p>_____ , _____ , _____ , _____ , _____ ,</p> <p>_____ , _____ , _____ , _____ , _____ .</p>		
<p>3)</p> $4 + 2 = \underline{\quad}$	<p>4)</p> $\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$	<p>5)</p> $7 - 2 = \underline{\quad}$
<p>6)</p> $\begin{array}{r} 4 \\ - 4 \\ \hline \end{array}$	<p>7)</p> <p>Count.</p> <p>How many? _____</p> <p>□□□□□□</p> <p>□□□□□</p>	<p>8)</p> <p>42, 43, 44, _____, 46</p>
<p>9)</p> <p>Draw a rectangle.</p>	<p>10)</p> <p>What number comes next?</p> <p>5, 10, 15, 20, _____</p>	<p>11)</p> <p>Continue. What comes next?</p> <p>△○□△○□△ _____</p>

# Math Assessment

Student name: \_\_\_\_\_  
 D.O.B.: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Interviewer: \_\_\_\_\_

Instructions: Answer the following questions,  
 using a pencil, eraser and a ruler.

Note: Do not use a calculator.

2.		
1) Write these numbers in order from smallest to largest. 390                      317 426                      304  304, _____, _____, _____	2) Juan has 21 pencils. He sells 6.  How many does he have now?  _____	3)    $\begin{array}{r} 68 \\ - 15 \\ \hline \end{array}$
4)   $\begin{array}{r} 70 \\ - 43 \\ \hline \end{array}$	5)  $46 + 41 + 12 = \underline{\hspace{2cm}}$	6)   $\begin{array}{r} 45 \\ + 37 \\ \hline \end{array}$
7)   1 week = _____ days	8)   _____ + 7 = 12	9) How long is this page?   _____ cm

Adapted from: *FAST Math Curriculum*. Fairfax County Public Schools (2001).

# Math Assessment

Student name: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

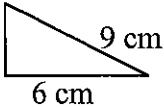
Instructions: Answer the following questions,  
using a pencil, eraser and a ruler.  
Note: Do not use a calculator.

3.		
1)  $\begin{array}{r} 276 \\ + 134 \\ \hline \end{array}$	2)  $\begin{array}{r} 904 \\ - 336 \\ \hline \end{array}$	3)  $4 \times 2 \times 5 = \underline{\hspace{2cm}}$
4)  60 divided by 6 = <u>          </u>	5)  1 year = <u>          </u> months	6) Complete  112, 108, <u>   </u> , <u>   </u> , 96, 92
7)  There are 63 boys and 29 girls in the school. How many more are boys?  <u>                    </u>	8)  Write $<$ , $>$ or $=$ in the circle.  692 $\bigcirc$ 682	

# Math Assessment

Student name: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

Instructions: Answer the following questions,  
using a pencil, eraser and a ruler.  
Note: Do not use a calculator.

4.		
1)  What number is in the thousands place in 25,681?  _____	2)  $6 \overline{)78}$	3)  Estimate how high the ceiling is in meters.  _____
4)  Round 348 to the nearest hundred.  _____	5)  $\begin{array}{r} 67 \\ \times 27 \\ \hline \end{array}$	6)  One gram of coffee costs \$0.50. Hector buys 8 grams. How much money does he spend?  _____
(7)  $3.8 + 2.76 =$ _____	(8)  What is the perimeter of this figure?  <div style="text-align: center;">  </div>	

# Math Assessment

Student name: \_\_\_\_\_

D.O.B.: \_\_\_\_\_

Date: \_\_\_\_\_

Interviewer: \_\_\_\_\_

Instructions: Answer the following questions, using a pencil, eraser and a ruler.

Note: Do not use a calculator.

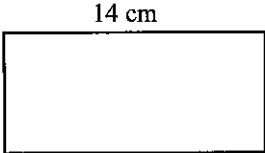
5.		
<p>1) Luisa puts a cake in the oven at 10:15 a.m. It needs to bake for 65 minutes. When will the cake be ready?</p> <p>_____</p>	<p>2) Write <math>&lt;</math>, <math>&gt;</math> or <math>=</math> in the circle.</p> <p><math>\frac{5}{6} \bigcirc \frac{7}{14}</math></p>	<p>3) Draw two lines that are parallel.</p>
<p>4) <math>\frac{16}{3} = \underline{\hspace{2cm}}</math></p>	<p>5) <math>6.72 \div 7 = \underline{\hspace{2cm}}</math></p>	<p>6) <math display="block">\begin{array}{r} 6.07 \\ \times 0.3 \\ \hline \end{array}</math></p>
<p>7) What number is in the millions place in 18,762,341? _____</p>	<p>8) 3 metres = ____ centimetres</p>	

# Math Assessment

Student name: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

Instructions: Answer the following questions,  
using a pencil, eraser and a ruler.

Note: Do not use a calculator.

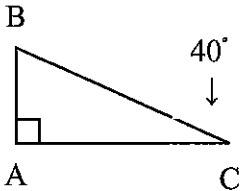
6.		
1)  $7 + 4 \times 6 = \underline{\hspace{2cm}}$	2)  $2^2 \times 6 = \underline{\hspace{2cm}}$	3)  $\frac{1}{3} + \frac{4}{6} = \underline{\hspace{2cm}}$
4) Maria buys 7 cookies for \$0.32 each. How much change does she get from \$3.00?  $\underline{\hspace{2cm}}$	5)  $\begin{array}{r} 6\frac{6}{8} \\ - 3\frac{1}{2} \\ \hline \end{array}$	6)  $3 \times \frac{5}{3} = \underline{\hspace{2cm}}$
7) What is the area of the rectangle?  <div style="text-align: center;">  </div>	8)  $0.08 = \underline{\hspace{1cm}} \%$	9)  $20\% \text{ of } 400 = \underline{\hspace{2cm}}$

# Math Assessment

Student name: \_\_\_\_\_  
 D.O.B.: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Interviewer: \_\_\_\_\_

Instructions: Answer the following questions,  
 using a pencil, eraser and a ruler.

Note: Do not use a calculator.

7.		
1)  $(-9) + 4 + (-2) = \underline{\hspace{2cm}}$	2)  $(-6) \times (-9) = \underline{\hspace{2cm}}$	3)  $40 - (-9) = \underline{\hspace{2cm}}$
4)  $\angle B = \underline{\hspace{2cm}}$  	5)  $9n + 2 - 5n = \underline{\hspace{2cm}}$	6)  $5\frac{3}{8} + 2 = \underline{\hspace{2cm}}$
7)  $\frac{x}{4} = \frac{12}{16}$  $x = \underline{\hspace{2cm}}$	8)  If $b = 4$ , then  $7b - 8 = \underline{\hspace{2cm}}$	9)  $\frac{x}{6} = 7$  $x = \underline{\hspace{2cm}}$
10)  $x + 7 = 16$  $x = \underline{\hspace{2cm}}$		

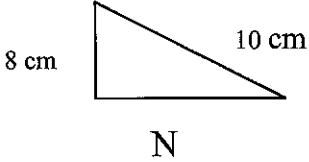


## Math Assessment

Student name: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

Instructions: Answer the following questions,  
using a pencil, eraser and a ruler.

Note: Do not use a calculator.

8.		
1)  $N = \underline{\hspace{2cm}}$  	2)  $\frac{2x}{3} + 5 = 17$  $x = \underline{\hspace{2cm}}$	3)  $2 \times \frac{4}{3} = \underline{\hspace{2cm}}$
(4)  $6k - 5 = 2k + 9$  $k = \underline{\hspace{2cm}}$	(5)  Solve for x.  $3\frac{1}{2} \div 2\frac{1}{4} = x$  $x = \underline{\hspace{2cm}}$	

# Math Assessment

Student: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

Grade Level KG				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Say numbers from 1-10.
2	( )	( )	( )	Write numbers from 1-10.
3	( )	( )	( )	Count designs to 3.
4	( )	( )	( )	Count designs to 5.
5	( )	( )	( )	Recognize and say some numbers to 13.

P.35

Grade Level 1				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Say numbers from 1-20.
2	( )	( )	( )	Write numbers from 1-20.
3	( )	( )	( )	Solve 1 digit addition sentences, horizontally.
4	( )	( )	( )	Solve 1 digit addition sentences, vertically.
5	( )	( )	( )	Solve 1 digit subtraction sentences, horizontally.
6	( )	( )	( )	Solve 1 digit subtraction sentences, vertically.
7	( )	( )	( )	Count and write numbers to 19.
8	( )	( )	( )	Write the number before/after or between 2 numbers.
9	( )	( )	( )	Recognize the name for and draw shapes.
10	( )	( )	( )	Count forward by 5's.
11	( )	( )	( )	Identify and extend a pattern.

P.36

Grade Level 2				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Compare and order numbers from least to greatest.
2	( )	( )	( )	Solve routine problems by applying operations.
3	( )	( )	( )	Subtract 2 digit numbers, without regrouping.
4	( )	( )	( )	Subtract 2 digit numbers, with regrouping.
5	( )	( )	( )	Add three 2 digit numbers.
6	( )	( )	( )	Add 2 digit numbers, with regrouping.
7	( )	( )	( )	Identify and write the number of days in a week.
8	( )	( )	( )	Find missing addends.
9	( )	( )	( )	Measure length in centimeters

P.37

Grade Level 3				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Add 3 digit numbers, with regrouping.
2	( )	( )	( )	Subtract 3 digit numbers, with regrouping.
3	( )	( )	( )	Multiply 1 digit numbers.
4	( )	( )	( )	Divide 1 digit number / divisor.
5	( )	( )	( )	Recognize and write numbers of months in a year.
6	( )	( )	( )	Recognize and complete number patterns.
7	( )	( )	( )	Solve routine story problems.
8	( )	( )	( )	Compare and order numbers up to 1,000.

P.38

Adapted from: *FAST Math Curriculum*. Fairfax County Public Schools (2001).

# Math Assessment

Student name: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

Grade Level 4				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Identify place value – thousands.
2	( )	( )	( )	Divide by 1 digit number/divisor.
3	( )	( )	( )	Estimate length in meters.
4	( )	( )	( )	Round numbers to nearest 100.
5	( )	( )	( )	Multiply by 2-digit numbers.
6	( )	( )	( )	Solve routine story problems using money.
7	( )	( )	( )	Add decimal numbers.
8	( )	( )	( )	Find the perimeter of a triangle.

P.39

Grade Level 5				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Solve routine story problems using time.
2	( )	( )	( )	Compare fractions (<, >, =).
3	( )	( )	( )	Identify and draw parallel lines.
4	( )	( )	( )	Write improper fractions as mixed numbers.
5	( )	( )	( )	Divide a decimal number by a number.
6	( )	( )	( )	Multiply decimal numbers.
7	( )	( )	( )	Identify place value –millions.
8	( )	( )	( )	Convert meters to centimeters.

P.40

Grade Level 6				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Use order of operations.
2	( )	( )	( )	Evaluate expressions using “square” notation.
3	( )	( )	( )	Add fractions.
4	( )	( )	( )	Solve a non-routine (multi step) story problem.
5	( )	( )	( )	Subtract mixed numbers.
6	( )	( )	( )	Multiply fractions by whole numbers.
7	( )	( )	( )	Find the area of a rectangle.
8	( )	( )	( )	Write decimals as a percent.
9	( )	( )	( )	Find the percent of a number.

P.41

Grade Level 7				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Add integers.
2	( )	( )	( )	Multiply integers.
3	( )	( )	( )	Subtract integers.
4	( )	( )	( )	Find the measure of a third angle of a triangle.
5	( )	( )	( )	Combine like terms.
6	( )	( )	( )	Add fractions.
7	( )	( )	( )	Find the missing terms in a proportion.
8	( )	( )	( )	Evaluate variable expressions.
9	( )	( )	( )	Solve division equations.
10	( )	( )	( )	Solve addition equations.

P.42

## Math Assessment

Student name: \_\_\_\_\_  
D.O.B.: \_\_\_\_\_  
Date: \_\_\_\_\_  
Interviewer: \_\_\_\_\_

Grade Level 8				
Item	Correct	Error	No Attempt	
1	( )	( )	( )	Use the Pythagorean Theorem.
2	( )	( )	( )	Solve equations.
3	( )	( )	( )	Solve fractions using multiplication.
4	( )	( )	( )	Solve equations.
5	( )	( )	( )	Solve fractions using division.

8.43

Comments

# Math Assessment Answer Key

Grade Level KG	Grade Level 5
<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3. 3</li> <li>4. 5</li> <li>5. four, seven, nine</li> </ol>	<ol style="list-style-type: none"> <li>1. 11:20am</li> <li>2. &gt;</li> <li>3. = =</li> <li>4. 5 1/3</li> <li>5. .96</li> <li>6. 1.821</li> <li>7. 8 million</li> <li>8. 300 cm</li> </ol>
Grade Level 1	Grade Level 6
<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3. 6</li> <li>4. 8</li> <li>5. 5</li> <li>6. 0</li> <li>7. 11</li> <li>45</li> <li>8. <input type="text"/></li> <li>9.</li> <li>10. 25</li> <li>11. Circle</li> </ol>	<ol style="list-style-type: none"> <li>1. 31</li> <li>2. 24</li> <li>3. 1</li> <li>4. \$.76</li> <li>5. 3 1/4</li> <li>6. 5</li> <li>7. 98 cm<sup>2</sup></li> <li>8. 8%</li> <li>9. 80</li> </ol>
Grade Level 2	Grade Level 7
<ol style="list-style-type: none"> <li>1. 317, 390, 426</li> <li>2. 15</li> <li>3. 53</li> <li>4. 27</li> <li>5. 99</li> <li>6. 82</li> <li>7. 7</li> <li>8. 5</li> <li>9. 27.9cm (will accept 28)</li> </ol>	<ol style="list-style-type: none"> <li>1. -7</li> <li>2. 54</li> <li>3. 49</li> <li>4. 50°</li> <li>5. - 1/2</li> <li>6. 7 3/8</li> <li>7. x = 3</li> <li>8. 20</li> <li>9. x = 42</li> <li>10. x = 9</li> </ol>
Grade Level 3	Grade Level 8
<ol style="list-style-type: none"> <li>1. 410</li> <li>2. 568</li> <li>3. 40</li> <li>4. 10</li> <li>5. 12</li> <li>6. 104, 100</li> <li>7. 34</li> <li>8. &gt;</li> </ol>	<ol style="list-style-type: none"> <li>1. N = 6</li> <li>2. X = 18</li> <li>3. 8/3</li> <li>4. 3 1/2</li> <li>5. 14/9</li> </ol>
Grade Level 4	
<ol style="list-style-type: none"> <li>1. Five</li> <li>2. 13</li> <li>3. 3 meters</li> <li>4. 300</li> <li>5. 1,809</li> <li>6. \$4.00</li> <li>7. 6.56</li> <li>8. 18cm</li> </ol>	