



HRM Elementary Academy Math Readiness Evaluation

Determine if your child has fulfilled the prerequisites listed for each of the following courses. If your child did not complete the ABeka math curriculum for the prior grade level, these are some of the skills your child will need. Complete mastery is not expected, as these skills will be reviewed and solidified during the school year. You should also have your child complete the Math Readiness Evaluation on the following pages to determine the best class placement. Contact the director if you need assistance determining class placement for your student.

Math Skills A – (3rd grade)

- Must be proficient in addition and subtraction facts
- Borrowing up to 4 digits
- Carrying up to 4 digits
- Multiplication tables 0, 1, 2, 5, 10
- Understanding of the concept of division
- Combining coins of any amount

Math Skills B – (4th grade)

- All the concepts listed for Math Skills A
- All multiplication facts
- Any number of digits in the first fact
- up to two digits in the second factor
- All division facts
- use of 1 and 2- digit divisors
- Basic understanding of fractions

Math Skills C – (5th grade)

- All the concepts listed for Math Skills A and B
- Writing decimals as fractions
- Finding common denominators

For a full scope and sequence of math skill prerequisites and concepts covered for each grade level, visit Abeka.com.

<https://static.abeka.com/ABeka/InteractivePDF/ScopeSequence/HomeschoolSS/2023A/>

Math Skills Group A (3rd Grade) Readiness Evaluation

Instructions: Your child should be able to complete the Readiness Evaluation with minimal to no parent prompting.

Add or subtract.

$$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 76 \\ \hline \end{array}$$

Match the denominators.

$\frac{1}{2}$



fourths

$\frac{1}{3}$



sixths

$\frac{1}{4}$



halves

$\frac{1}{5}$



fifths

$\frac{1}{6}$



thirds

$\frac{1}{7}$



sevenths

Write the fraction for the part that is shaded.



— numerator
— denominator



— numerator
— denominator



— numerator
— denominator

Write the products.

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

Count the coins from left to right.



—¢ → —¢ → —¢ → —¢ → —¢ → —¢

Math Skills Group B (4th Grade) Readiness Evaluation

Instructions: Your child should be able to complete the Readiness Evaluation with minimal to no parent prompting.

Follow the signs.

316	\$19.85	200	597
<u>X 3</u>	23.06	<u>-188</u>	<u>X25</u>
	<u>+48.37</u>		

Place commas correctly in these numbers.

4 3 2 0 6 8 7

Average

97
86
93
88
91
85

Divide and check

$$\begin{array}{r} \overline{4 | 376} \\ 4 | 376 \end{array}$$

Write the values.

3 dimes =

5 nickels =

Solve

3 yd. = _____ ft

Math Skills C (5th Grade) Readiness Evaluation

Instructions: Your child should be able to complete the Readiness Evaluation with minimal to no parent prompting.

Solve and check this equation.

$$N + 6 = 27 - 9$$

Divide and check. Write the remainder in as a fraction

$$51 \overline{) 643}$$

These fractions will need to be either changed or reduced.

$$\frac{16}{24}$$

$$\frac{15}{3}$$

$$\frac{7}{28}$$

Find the area.

Rectangle

9 ft. by 14 ft.

Square

S = 9 in.

Write the Arabic numeral for XXII.

Multiply 12 by 6.

Change $\frac{8}{5}$ to a mixed number.

Reduce $\frac{4}{8}$ to lowest terms.