

**W. R. Thomas Mathematics Summer Packet 2017**  
 Incoming 8<sup>th</sup> Grade Students  
 "Tigers on the Prowl for Success"

Dear Parents and Students,

The first day of school students will receive an extra credit grade for the completion of the assignment below, and will be tested on **Multiplication Facts and Simple Equations**. To demonstrate mastery, students should be able to complete 100 multiplication fact in less than 5 minutes. For extra practice on multiplication facts access <http://aaamath.com>. For extra practice on 8<sup>th</sup> grade math concepts, students are encouraged to work on [ixl.com](http://ixl.com).

The assignment below should help students practice their perquisite skills. We would like to introduce MATH NATION – a highly effective, intensive, online learning free preparation resource for all students. Students will watch the videos as many times as they need, and do the problems in the PDF file.

To access Math Nation:

1. Login to your student portal
2. Click the tab, "Apps/Service/Site" to select "Math Nation"
3. Upper left hand corner, Click on the drop down menu to select "Algebra 1"
4. Click on the "NGSSS" button
5. Click "Pre-Algebra Skills"
6. Click "Pre-Algebra Skills Review Guide" AND "Section 3: Solving for x Review Guide" and "Section 2: Relations and Functions Review Guide" to print and workout problems
7. Click "Short Videos" to watch the 10 videos below.

Month / Week	Concept	Completion Check List
June 12 – 16	Pre-Algebra Skills: Video 2 – Combining Like Terms	
June 19 – 23	Pre-Algebra Skills: Video 3 – Fractions – Part 1 Simplifying Fractions	
June 26 – 30	Pre-Algebra Skills: Video 4 – Fractions – Part 2 Multiplying Fractions	
July 3 – 7	Pre-Algebra Skills: Video 5 – Fractions – Part 3 Dividing Fractions	
July 10 – 14	Pre-Algebra Skills: Video 6 – Fractions – Part 4 Adding and Subtracting Fractions	
July 17 – 21	Pre-Algebra Skills: Video 8 – Exponents	
July 24 – 28	Section 3: Video 1- Solving for x	
July 31 – 4	Section 3: Video 2 – Solving Equations with Fractions	
August 7 – 11	Section 2: Video 1 - Domain and Range	
August 14 – 18	Section 2: Video 2 - What is a function	

If you have any questions, please contact:

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 (305)995-3800  
<http://wrthomas.dadeschools.net>

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 Student Name (Print)

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Parent/Guardian Name (Print)

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 Signature

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 Date