

# *Madison Mustangs*

## Grade 5 ELA- Parent Academic Help Sheet

*Parents: If you review the following information every night with your student, it will make a huge difference in their readiness to learn.*

### Definitions:

*Origin:* Where the word comes from; ie. Greek and Latin Roots.

*Synonyms:* Words with the same, or almost the same meanings.

*Antonyms:* Words with opposite meanings.

*Homograph:* Words that are spelled the same but have different meaning.

*Prefix:* Placed at the beginning of the root word to change the meaning.

*Suffix:* Added to the end of a word to change the meaning or tense.

*Figurative Language:* Words that don't always mean what they say. Ex. It's raining cats and dogs.

### Reading Comprehension:

*Text Features:* Information to help you better understand what you read. (headings, illustrations, diagrams, charts, maps, pictures.)

*Time order:* Information is organized chronologically. (In the order it happened.)

*Graphic Organizers:* Use them to help you better understand and remember what you read; time line, step chart, story web.

*Main Idea:* What the passage is mostly about.

*Inferences:* You use two types of clues to draw conclusions; evidence in the text and things you already know.

### Responding to Literature:

*Theme:* The message that is communicated in a story; the moral.

*Literary Devices:*

Imagery- Writer paints a word picture that appeal to the senses.

Metaphor- Writer compares two unlike things. –Ex. The road was a thin white ribbon in the distance.

Symbolism- Write has on thing stand for something else. – Ex. The oak tree represents strength and endurance.

## 12 Powerful Words that Trip up Students on Standardized Tests

Word	Student Friendly Phrases
1. Trace	List in step or outline
2. Analyze	Break it apart
3. Infer	Read between the lines
4. Evaluate	Judge
5. Formulate	Create
6. Describe	Tell all about
7. Support	Back up with details
8. Explain	Tell how
9. Summarize	Give me the short version
10. Compare	All the ways they are alike
11. Contrast	All the ways they are different
12. Predict	What will happen next

### DAILY FIVE Reading Routines

- Read to Self
- Read to Friend
- Read Aloud
- Summarize
- Review Academic Vocabulary

*Parents: Research shows that reading 20 minutes a day at home can significantly improve a student's vocabulary, comprehension skills, and general knowledge. The main goal is for your child to enjoy reading.*

# Madison Mustangs

## Grade 5 Math- Parent Academic Help Sheet

*Parents: If you review the following information every night with your student, it will make a huge difference in their readiness to learn.*

Multiples:

3: 3,6,9,12,15,18,21,24,27,30,33,36,39

4: 4,8,12,16,20,24,28,32,36,40,44,48,52

5: 5,10,15,20,25,30,35,40,45,50,55,60,65

6: 6,12,18,24,30,36,42,48,54,60,66,72

7: 7,14,21,28,35,42,49,56,63,70,77,84

8: 8,16,24,32,40,48,56,64,72,80,88,96

9: 9,18,27,36,45,54,63,72,81,90

15: 15,30,45,60,75,90,105

.5 =  $\frac{1}{2}$  = 50%

.25 =  $\frac{1}{4}$  = 25%

.75 =  $\frac{3}{4}$  = 75%

.2 =  $\frac{1}{5}$  = 20%

.4 =  $\frac{2}{5}$  = 40%

.6 =  $\frac{3}{5}$  = 60%

.8 =  $\frac{4}{5}$  = 80%

.9 =  $\frac{9}{10}$  = 90%

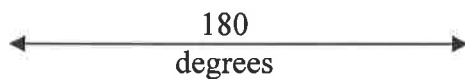
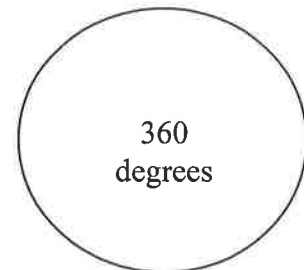
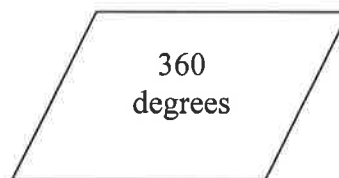
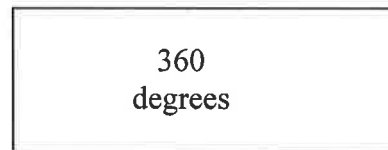
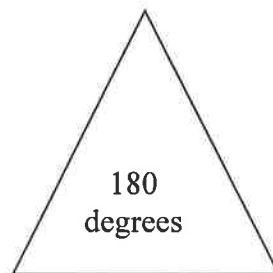
Order of Operations

**P**arentheses- First solve what is in the ( )

**E**xponents- Next solve any  $2^2$

**M**ultiplication & **D**ivision- From left to right.

**A**ddition and **S**ubtraction- From left to right.



Area Formulas:

$= 3.14r^2$



$= L \times W$

$= \frac{1}{2} B \times H$

$= B \times H$

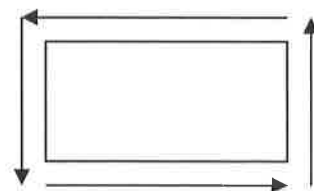
Volume Formula:

$= L \times W \times H$



Area = units<sup>2</sup>  
Volumes = units<sup>3</sup>  
Perimeter = units

Perimeter:  
Distance around a shape.



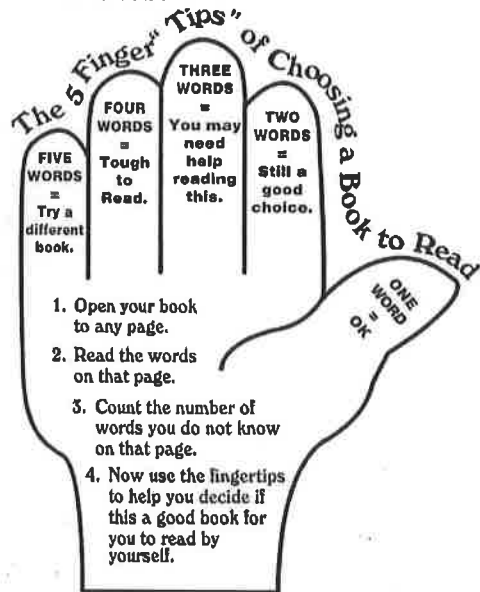
<p><b>+</b></p> <p><b><u>Words for Addition</u></b></p> <p>add more increase more than plus sum total addends</p>	<p><b>-</b></p> <p><b><u>Words for Subtraction</u></b></p> <p>minus difference less less than left lower than decreased subtrahend minuend</p>
<p><b>X</b></p> <p><b><u>Words for Multiplication</u></b></p> <p>Of times Product Double Twice Triple Repeated addition</p>	<p><b>/</b></p> <p><b><u>Words for Division</u></b></p> <p>Equal groups Even amount Fair share Quotient Half Repeated subtraction</p>

### DAILY FIVE Reading Routines

- Read to Self
- Read to Friend
- Read Aloud
- Summarize
- Review Academic Vocabulary

*Parents: Research shows that reading 20 minutes a day at home can significantly improve a student's vocabulary, comprehension skills, and general knowledge. The main goal is for your child to enjoy reading.*

*Guidelines:*



**Routines:**

Have your child:

- Read to self
- Read to someone
- Listen to reading
- Work on writing (journals)
- Word work

*Journal Writing: Have your child write a journal on their reading using these sentence frames-*

- My favorite part...
- This reminds me of...
- I predict that...
- I wonder why...
- My favorite character is...
- I was confused when...
- After reading, I felt...
- I was surprised when...
- I pictured in my head...
- I like this author because...
- I was disappointed when...
- The big idea is...
- Some evidence is...
- Some words I am not sure of are ...