

Madison Mustangs

Grade 4 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.*

Prefixes:

Prefix	Meaning	Example
Non-	Without	Nonstop (without stopping)
In-, Un-	Not	Unkind (not kind)
Mis-	Incorrect, Bad or Badly	Misprint (incorrect print)
Re-	Again	Redo (do again)

Compare and Contrast:

Compare: To find things that are the same.

Comparing Words: *like, alike, both, the same, similar*

Contrast: To find the difference.

Contrasting Words: *or, but, unlike, instead of, on the other hand, rather than, however*

Simile and Metaphor

Simile: A comparison of two unlike things using the words *like* or *as*

Example: The table had papers stacked **like a mountain**.

Metaphor: A comparison of two unlike things *without* using *like* or *as*.

Example: The **mountain of papers** sat on the desk.

Suffixes: ful = full of

careful = full of care

less = without

helpless = without help/no help

ly = done in a way

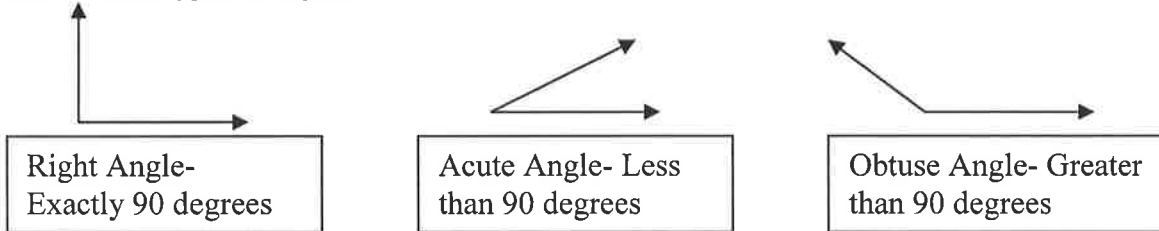
quickly = done in a quick way

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Grade 4 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.

There are three types of angles:



CIRCLES

Area of circle = $\pi \times \text{radius squared}$

Circumference = $\pi \times \text{diameter}$

TRIANGLES

area = $\pi \times \frac{1}{2} \text{ base } \times \text{height}$

Perimeter = Add all the sides

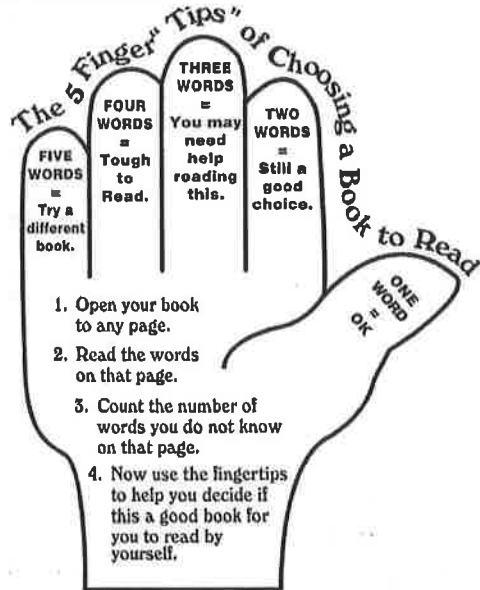
Learn all your multiplication facts.

1 x 1 = 1 1 x 2 = 2 1 x 3 = 3 1 x 4 = 4 1 x 5 = 5 1 x 6 = 6 1 x 7 = 7 1 x 8 = 8 1 x 9 = 9 1 x 10 = 10	2 x 1 = 2 2 x 2 = 4 2 x 3 = 6 2 x 4 = 8 2 x 5 = 10 2 x 6 = 12 2 x 7 = 14 2 x 8 = 16 2 x 9 = 18 2 x 10 = 20	3 x 1 = 3 3 x 2 = 6 3 x 3 = 9 3 x 4 = 12 3 x 5 = 15 3 x 6 = 18 3 x 7 = 21 3 x 8 = 24 3 x 9 = 27 3 x 10 = 30	4 x 1 = 4 4 x 2 = 8 4 x 3 = 12 4 x 4 = 16 4 x 5 = 20 4 x 6 = 24 4 x 7 = 28 4 x 8 = 32 4 x 9 = 36 4 x 10 = 40	5 x 1 = 5 5 x 2 = 10 5 x 3 = 15 5 x 4 = 20 5 x 5 = 25 5 x 6 = 30 5 x 7 = 35 5 x 8 = 40 5 x 9 = 45 5 x 10 = 50
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<p>+</p> <p><u>Words for Addition</u></p> <p>add more increase more than plus sum total</p>	<p>-</p> <p><u>Words for Subtraction</u></p> <p>minus difference less less than left lower than decreased</p>
<p>X</p> <p><u>Words for Multiplication</u></p> <p>Of times Product Double Twice Triple Repeated addition</p>	<p>/</p> <p><u>Words for Division</u></p> <p>Equal groups Even amount Fair share Quotient Half Repeated subtraction</p>

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 ...

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