ORDER OF OPERATIONS

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NN V	Order of Operations
N N N	When more than one
V	Soperation is used, we need
-	To know which operation to
-	Sperform first so that
0 V	everyone gets the same
	result. Mathematicians have
-	Scome up with rules called the
	<u>sorder of operations</u> .

ANN ANN	ORDER OF OPERATIONS
AAA	1. Parentheses
	2. Exponents
	3. Multiplication <u>or</u> division
	(in order from left to right)
	4. Addition <u>or</u> subtraction
	(in order from left to right)
-	

Please Excuse My Dear Aunt Sally

Parentheses

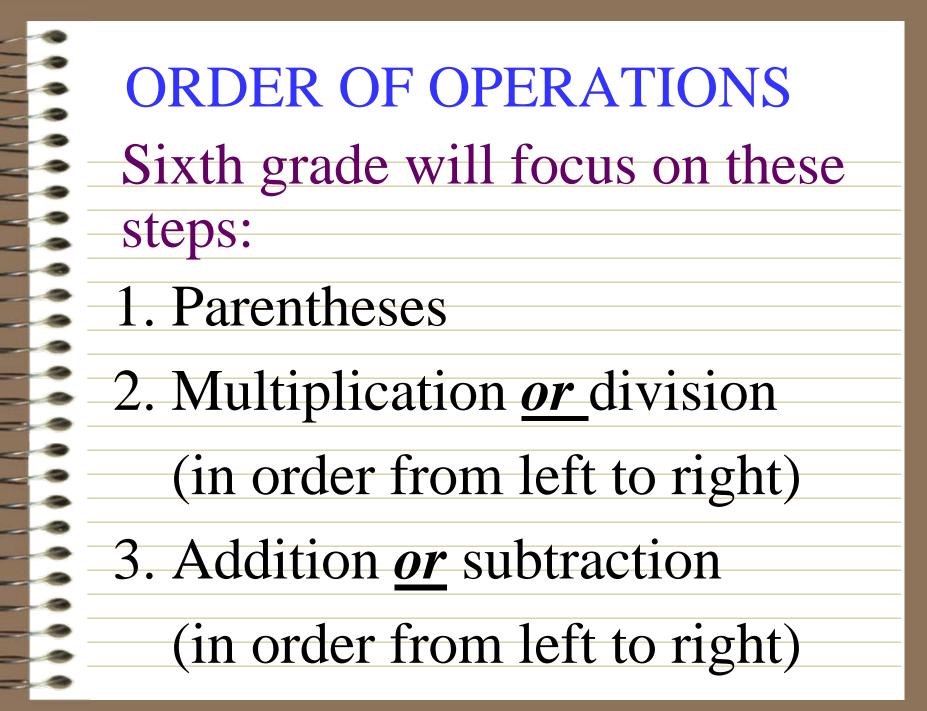
Exponents

Multiplication <u>or</u> Division

(in order from left to right)

Addition or Subtraction

(in order from left to right)



Please My Dear Aunt Sally

Parentheses

Multiplication <u>or</u> Division

(in order from left to right)

Addition or Subtraction

(in order from left to right)

	ORDER OF OPERATIONS
	15 + 7 - 3
	22 – 3
-	19

	ORDER OF OPERATIONS
-	
	$3 + 6 \times 4 - 2$
-	
	3 + 24 - 2
	27 – 2
	$\gamma \zeta$
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	ORDER OF OPERATIONS
	$14 \div 7 + 12 \times 3 - 9$
	$2 + 12 \times 3 - 9$
-	2 + 36 - 9
	38 - 9
	29

A A A A A	ORDER OF OPERATIONS
	$2 \ge 8 - 20 \div (4 + 6)$
	<u>2 x 8</u> - 20 ÷ 10
	16 - <u>20 ÷ 10</u>
	16 - 2
	14

ORDER OF OPERATIONS
(<u>15 − 7</u>) + 3 • 4
8 + <u>3 • 4</u>
8 + 12
20

A A A A	ORDER OF OPERATIONS
	6 + <u>32 ÷ 4</u> − 2 • 5
	6 + 8 - <u>2 • 5</u>
	<u>6 + 8</u> – 10
	14 – 10
	4

ORDER OF OPERATIONS
4 (7 + 2)
4 (9) means 4 x 9
36