

Algebra I Monday 8-20-12

- Introduction $\Rightarrow$
 - ☐ 1st Day Forms
 - ☐ Supplies
 - ☐ Bulldogmath.com

- Vocabulary: RPC, OBC CBQ Exam DFC

30%

70%

$\Rightarrow$ Operations $+, -, \cdot, \div$

- ORDER OF OPERATIONS $PE(MD)(AS)$

- Grouping Symbols "box of stuff"

$() [] \{ \}$

- variables, constants, Algebraic Expression

- implied multiplication, substitution

- "Parentheses are your friend when you substitute."

- Sign Rules

$+, -$	SSA KSS DSS BOW -- = +
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$\cdot, \div$	SPDN
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- Fraction Rules

$+, -$	Common Denominator
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$\cdot$	$\frac{\text{Top} \cdot \text{Top}}{\text{Bot} \cdot \text{Bot}}$
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$\div$	Flip and Mult.
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• Homework

- ☐ Bring Signed Forms
 - ☐ Bring Supplies
 - ☐ Memorize DF's (FLASHCARDS!)
 - ☐ Visit/Explore BULLDOGMATH.COM
(twitter = site updates)
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$$(2+6) + (8+9)(3)$$

$$a + bc$$

Grouping Symbols

() parentheses (())

[] brackets

{ } braces

$$\frac{a+b}{c+d} \text{ fraction bar } = \frac{(a+b)}{(c+d)}$$

Order of Operations
+, -, •, ÷

PE(MD)AS
① ② ③ ④

Parentheses are your friend when you substitute

③ $x = 3 \quad y = 6$

find $xy + x$

$$(3)(6) + (3)$$

3x ← {implied MULT.} → 18 + 3

$$\begin{array}{r} 18 + 3 \\ \hline 21 \end{array}$$

