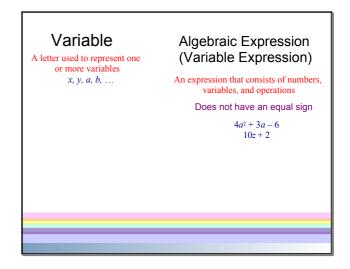
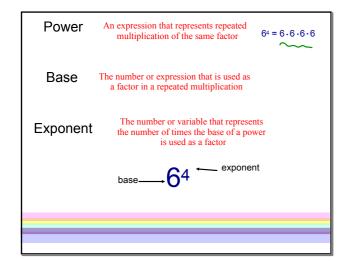


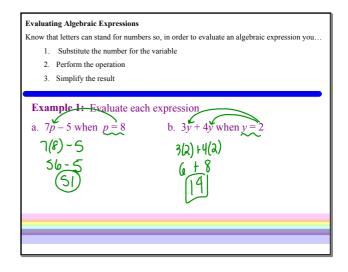
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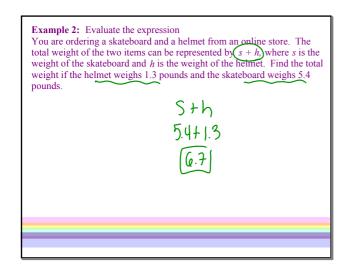
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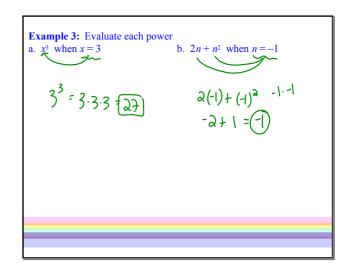


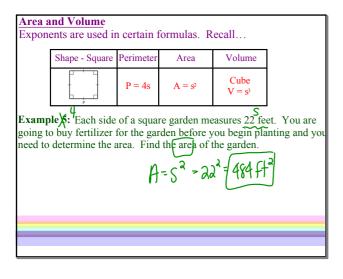
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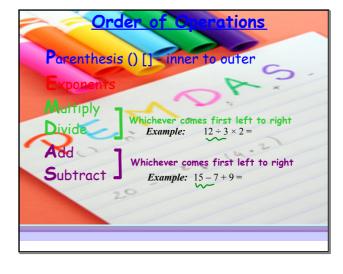


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Example 5: Evaluate each expression
a.  $36 \div 3^2 \times 2 - 4$ b.  $6 + 12 \div 3 \cdot 4^2$ 4.4

36 ÷ 9 x 2 - 4

6 + 12 ÷ 3 · 16

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10 + 12

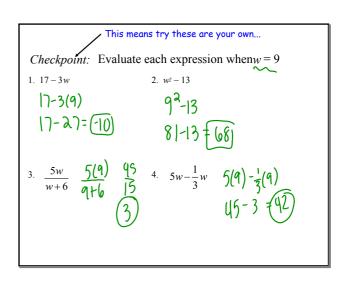
Grouping Symbols: Indicate that the operations inside these symbols need to be performed first

1. Parentheses
2. Brackets
3. Fraction Bars (evaluate the numerator and denominator before you divide)

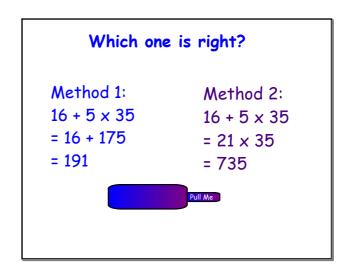
Example 6: Evaluate the expression.
a.  $24 - (3^2 + 4)$ b. 4[30 - (5 + 7)] 24 - (9 + 4) 24 - (9 + 4) 24 - (9 + 4) 24 - (9 + 4) 24 - (9 + 4) 24 - (9 + 4) 24 - (9 + 4) 30 - (2) 4[8]

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Example 7: Evaluate each expression where = 3
a.  $\frac{10x}{2(x+2)} = \frac{10(3)}{2(3+2)} = \frac{30}{10} = \boxed{3}$ b.  $\frac{4x+8}{2+x} = \frac{4(3)+8}{2+3} = \boxed{2+8} = \boxed{4}$ 







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