Silly Sally Error Analysis

Name:_____

Sally is a silly little girl that makes silly mistakes! Analyze her work in Column #1, and *circle her mistake*. In Column #2, explain what she did wrong. In Column #3, show how Silly Sally should work out the problem. Show ALL work!

Silly Sally's Work (Circle her mistake):	What did Silly Sally do wrong?	Show Silly Sally how it's done! (Show ALL steps!)
$30 \div (6 - 1) \bullet 2$ $30 \div 5 \bullet 2$ $30 \div 10$ 3		
$4^2 - 8 + 2$ $8 - 8 + 2$ $0 + 2$ 2		
$12 - 2^3 \div 4 \bullet 3$ $12 - 8 \div 4 \bullet 3$ $12 - 2 \bullet 3$ $10 \bullet 3$ 30		
$20 + (10 - 6) \div 4 \bullet 6$ $20 + 4 \div 4 \bullet 6$ $24 \div 4 \bullet 6$ $6 \bullet 6$ 36		
$50 \div (2 + 3)^2 - 1$ $50 \div (5)^2 - 1$ $10^2 - 1$ $100 - 1$ 99		
$70 - 20 \div [(\frac{1}{2})^2 + 9\frac{3}{4}]$ $70 - 20 \div (\frac{1}{4} + 9\frac{3}{4})$ $70 - 20 \div 10$ $50 \div 10$ 5		

Choose 1 Extension Problem, and complete it on a separate sheet.

Extension A: Create your own problem that has at least 3 different operations and has a solution of 10.

Extension B: The Green family is going to the circus. They have two adults and 3 kids. Adult tickets cost $15 apiece, and kids' tickets cost $12 apiece. Write an expression that represents the amount of money the Green family will have to pay for tickets, and solve the problem. Show ALL steps!