

Directions. Each of the problems below are multistep. In your group, take turns doing one step in the problem. You are NOT allowed to write when it is someone else's turn. You will receive no credit unless I see different handwriting.

1)  $8x^2 = 32$

2)  $2x^2 - 8 = 10$

3)  $\frac{2}{3}(x-2)^2 = 24$

4)  $3(x+2)^2 - 4 = 44$

5)  $-x^2 = -49$

6)  $10 - 2(x^2 + 4) = 0$

Done? **Check** your final answers by plugging them into the original equation!