Solving Equations Review
Find and Fix the Mistakes

Name _____

| Problem and Incorrect Solution | Explanation of Errors Made (some have more than one mistake) | Correct Solution (show all work) |
|---|---|---|
| $2x - 2 = 14$<br>$-2 \quad -2$<br>$\frac{2x}{2} = \frac{12}{2}$<br>$x = 6$ | | |
| $5y + (-5) = 10$<br>$-5 \quad -5$<br>$\frac{5y}{5} = \frac{5}{5}$<br>$y = 1$ | | |
| $\frac{x}{6} + 3 = -18$<br>$-3 \quad -3$<br>$6 \bullet \frac{x}{6} = -15 \bullet 6$<br>$x = -90$ | | |
| $4 - 2x = -2$<br>$+4 \quad +4$<br>$\frac{2x}{2} = \frac{2}{2}$<br>$x = 6$ | | |

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| $-2(8m + 8) = -16$<br>$-16m + 16 = -16$<br>$-16 \quad -16$<br>$\frac{-16m}{16} = \frac{-32}{16}$<br>$m = -2$ | | |
| $5(1 + 4h) + 2h = 27$<br>$5 + 20h + 2h = 27$<br>$27h = 27$<br>$\frac{27}{27} \quad \frac{27}{27}$<br>$h = 1$ | | |
| $-2(x - 8) + 4x = -12$<br>$-2x - 16 + 4x = -12$<br>$-2x - 16 + 4x = -12$<br>$-2x - 16 = -12$<br>$+16 \quad +16$<br>$\frac{-2x}{2} = \frac{4}{2}$<br>$x = 2$ | | |