Continue to review collecting like terms and solving equations. Below are some additional problems from the textbook you can try. (I have included scans of the questions in case you left your book in the classroom!)

pg. 152 #3

Simplifying Algebraic Expressions

3. Simplify. The first part has been done for you.

a) $4 + 4r - z + 3r + 5z - 2$

$= 4 - 2 + 4r + 3r - z + 5z$

$= 2 + 7r + 4z$

b) $7y - 3 + 2y$

c) $2 + 3r - 5 + r$

d) $3x + 3y - 2x + 4$

e) $k - 5t - 6k + 2t$

f) $4t - (-2t) + (4 - 7t) + 7 - 7t + 11$

g) $3x - y + z - 2y + 3x - 7y - 7z + 2y$

h) $3q - 2p + 4 - 5 + 6p - 2q - (-3q)$

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3. Solve each linear equation.

a) $12 = 3x$

b) $s + 5 = 11$

c) $y - 3 = 14$

d) $\frac{x}{11} = 3$

e) $x + 3 = 5$

f) $21 = 3t$

4. Solve each linear equation.

a) $x - 4 = -5$

b) $\frac{x}{6} = 3$

c) $16 = -4x$

d) $4 = x - 1$

e) $-6 = \frac{x}{5}$

f) $\frac{x}{-3} = -3$

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3. Solve each equation.

a) $3w - 2 = 2w + 3$

b) $5q + 6 = 4q - 9$

c) $6t - 7 = 2t + 5$

d) $-2x + 4 = 3x - 2$

e) $5c = 6c + 7$

f) $6 - 5k = 4 + 3k$