

Section 3 – Full Algebra Review**Learning Target 3 – 1: Addition and Multiplication Principle**

1.	$x - 4 = -2$	2.	$3t = 4$
3.	$a + 4 = -12$	4.	$\frac{x}{7} = 5$
5.	$2x - 7 = 12$	6.	$-3x + 4 = 15$
7.	$\frac{x}{4} + 3 = -2$	8.	$-r + 5 = 17$

Learning Target 3-2: Combining Like Terms and Distributivity

9.	$3x - 4 + 2x = 4 - 5x + 6$	10.	$-2 + x - 5 + 7x = 3x - 5 + 2x + 7$
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11. $12x + 4 - 8x = 4x - 5$	12. $-2x + 5 - 3x + 2 = -7x + 7 + 2x$
13. $3(x + 4) = 7$	14. $2(x + 4) - 3(x - 2) = 3(x - 1)$
15. $-2(x - 1) + 3(x + 2) = 12$	16. $4(x - 1) - 2(x + 5) = 7(x - 3)$

Learning Target 3-3: Eliminating Fractions and Decimals

17. $\frac{2}{3}x + \frac{4}{5} = \frac{7}{15}$

18. $\frac{3}{4}x + \frac{1}{2} = \frac{5}{6} - \frac{7}{3}x$

19. $0.5x - 0.01 = -0.03 + 0.1x$

20. $0.04 - 0.2x = 0.4x - 0.07$

Full Meal Deal

$$\frac{2}{3}(x - 2) + \frac{5}{6}(x - 1) = \frac{1}{2}(x + 6) - \frac{5}{4}(x - 2)$$