**1. Solving Simple Equations with two terms**

Solve these equations using the balancing method.

E.g. 3x = 15 => 3x = 15

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| 1. 4t = 20 2. 7y = 35 3. 7p = 42 4. 3n = 63 5. -3r = 36 | 1. 4t = -48 2. 2x = -20 |

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**2. Solving Simple Equations with three terms**

Solve these equations using the balancing method.

E.g. x + 5 = 14

x = 9

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| 1. x + 4 = 9 2. x + 6 = 19 3. d – 3 = 7 4. 14 = c + 4 5. 21 = r - 4 | 1. p – 4 = 0 2. g + 2 = 1 3. d – 5 = -1 4. y – 5 = -8 5. 6 = t - 40 |

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E.g. 3x + 6 = 12

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| 1. 3x + 1 = 13 2. 3x – 7 = 8 3. 7x + 4 = 32 4. 3 + 2x = 27 5. 2x + 1 = 9 | 1. 12x – 4 = 56 2. 44 = 5n + 4 3. 92 = 9p – 7 4. 41 = 15h – 4 5. 6y + 12 = 48 |

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**5. Solving Equations with the unknown on both sides**

Solve these equations using the balancing method.

E.g. 4x + 3 = 2x + 11

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SOLUTIONS

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| 1. 4t = 20 => t = 5 2. 7y = 35 => y = 5 3. 7p = 42 => p = 6 4. 3n = 63 => n = 21 5. -3r = 36 => r = -12 | 1. 4t = -48 => t = -12 2. 2x = -20 => x = -10 3. => x = 10 4. => g = 24 5. => b = -6 |

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