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

Solve these equations using the balancing method.

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

 3 3

 x = 5

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

|  |  |
| --- | --- |
| 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
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5. 6 = t - 40
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**3. Solving Equations with three terms**

Solve these equations using the balancing method.

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
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**4. Solving Equations with brackets**

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E.g. 3(2x + 1) = 21

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3. 3(3x – 2) = 66
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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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| 1. 5x + 7 = 3x + 11
2. 8x + 3 = 2x + 21
3. 7x + 4 = 10x – 20
4. 2x – 4 = 5x -19
 | 1. 5x – 2 = 2x + 4
2. 3x + 2 = x + 12
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SOLUTIONS

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