

MORE PRACTICE SHEET 1

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|-----|--------------------------|------------|
| 1. | $5x - 3 = 2x + 6$ | $x = 3$ |
| 2. | $6x + 2 = 35$ | $x = 5.5$ |
| 3. | $8 + 3.5x = 39.5$ | $x = 9$ |
| 4. | $6x + 10 = 2x - 12$ | $x = -5.5$ |
| 5. | $-2x + 22 = 10x + 4$ | $x = 1.5$ |
| 6. | $15x + 1 = 5x + 26$ | $x = 2.5$ |
| 7. | $4(x + 3) = 12(x - 3)$ | $x = 6$ |
| 8. | $40 - 3x = 35 + x$ | $x = 1.25$ |
| 9. | $6(x - 5) = 12$ | $x = 7$ |
| 10. | $7x + 28 = 11x + 1 + 2x$ | $x = 4.5$ |

MORE PRACTICE SHEET 2 ANSWERS

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|----|-------------------------|--------------------|
| 1. | $5x + 6 = 20 + 1.5x$ | $x = 4$ |
| 2. | $6(x + 2) = 17 + x$ | $x = 1$ |
| 3. | $8 - 4x = 12$ | $x = -1$ |
| 4. | $3(x + 5) = 2(x + 12)$ | $x = 9$ |
| 5. | $x + 22 = 10x + 4$ | $x = 2$ |
| 6. | $15x + 1 = 5x + 31$ | $x = 3$ |
| 7. | $4x + 30 = 3x + 3 + 9x$ | $x = 3\frac{3}{8}$ |
| 8. | $19 - 4x = 39$ | $x = -5$ |
| 9. | $6x - 5 = 2x + 35$ | $x = 10$ |

MORE PRACTICE 3: Solving Linear Equations

Part 1

[1] 4 [2] -7 [3] 1 [4] 3 [5] 6 [6] -2 [7] -4 [8] 7

Part 2

[9] -3 [10] -1 [11] -6 [12] 8 [13] 2 [14] 18 [15] -5 [16] -13

[17] -21 [18] 8 [19] $-\frac{4}{7}$ [20] $5\frac{1}{3}$ or $\frac{16}{3}$

MORE PRACTICE 4

A: $\frac{1}{2}$ B: 5 C: $4\frac{1}{2}$ D: 22 E: $\frac{28}{25}$ F: $\frac{28}{25}$ G: $\frac{28}{25}$ H: $-\frac{21}{10}$