

Solving Linear Equations (A)



Section A

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|-----------------|-----------------|------------------|------------------|
| 1) $x + 3 = 11$ | 4) $x + 7 = 13$ | 7) $x + 3 = 9$ | 10) $x + 5 = 36$ |
| 2) $x + 2 = 8$ | 5) $x + 4 = 14$ | 8) $x + 12 = 17$ | 11) $x + 8 = 43$ |
| 3) $x + 5 = 7$ | 6) $x + 7 = 9$ | 9) $x + 6 = 24$ | 12) $x + 9 = 61$ |

Section B

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|-----------------|------------------|------------------|-------------------|
| 1) $4 + x = 6$ | 4) $5 + x = 9$ | 7) $14 + x = 23$ | 10) $8 + x = 72$ |
| 2) $2 + x = 7$ | 5) $7 + x = 12$ | 8) $19 + x = 32$ | 11) $11 + x = 64$ |
| 3) $8 + x = 11$ | 6) $12 + x = 18$ | 9) $7 + x = 40$ | 12) $28 + x = 90$ |

Section C

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|----------------|-----------------|-----------------|-------------------|
| 1) $x - 4 = 7$ | 4) $x - 7 = 13$ | 7) $x - 11 = 8$ | 10) $x - 12 = 31$ |
| 2) $x - 6 = 4$ | 5) $x - 10 = 2$ | 8) $x - 5 = 16$ | 11) $x - 16 = 29$ |
| 3) $x - 1 = 6$ | 6) $x - 7 = 18$ | 9) $x - 9 = 25$ | 12) $x - 28 = 78$ |

Section D

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|--------------|---------------|---------------|-----------------|
| 1) $2x = 6$ | 4) $10x = 90$ | 7) $7x = 35$ | 10) $20x = 40$ |
| 2) $5x = 10$ | 5) $3x = 15$ | 8) $12x = 36$ | 11) $40x = 120$ |
| 3) $4x = 12$ | 6) $6x = 24$ | 9) $15x = 30$ | 12) $50x = 200$ |

Section E

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|----------------------|----------------------|----------------------|------------------------|
| 1) $\frac{x}{3} = 4$ | 4) $\frac{x}{8} = 4$ | 7) $\frac{x}{2} = 9$ | 10) $\frac{x}{12} = 6$ |
| 2) $\frac{x}{2} = 8$ | 5) $\frac{x}{7} = 3$ | 8) $\frac{x}{9} = 5$ | 11) $\frac{x}{14} = 2$ |
| 3) $\frac{x}{5} = 7$ | 6) $\frac{x}{5} = 4$ | 9) $\frac{x}{7} = 8$ | 12) $\frac{x}{30} = 5$ |

Section F

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|-----------------------|-------------------------|------------------------|-------------------------|
| 1) $4x = 48$ | 7) $x - 19 = 30$ | 13) $7x = 56$ | 17) $5x = 100$ |
| 2) $x + 13 = 22$ | 8) $10x = 160$ | | 18) $\frac{x}{3} = 300$ |
| 3) $9x = 63$ | 9) $13 + x = 27$ | 14) $18 + x = 24$ | 19) $x + 49 = 110$ |
| 4) $11x = 132$ | 10) $6x = 42$ | 15) $\frac{x}{4} = 12$ | |
| 5) $12 + x = 26$ | 11) $x + 17 = 42$ | 16) $25 + x = 39$ | 20) $100x = 6500$ |
| 6) $\frac{x}{8} = 12$ | 12) $\frac{x}{11} = 11$ | | |