

Solving Linear Equations (B)



Solve the equations to find x .

Section A

- | | | | | | |
|------------------|-------|-------------------|-------|--------------------|-------|
| 1) $7x + 9 = 23$ | _____ | 5) $4x + 2 = 34$ | _____ | 9) $6x + 5 = 17$ | _____ |
| 2) $5x + 7 = 42$ | _____ | 6) $11x + 3 = 36$ | _____ | 10) $4x + 7 = 9$ | _____ |
| 3) $4x + 3 = 51$ | _____ | 7) $10x + 2 = 72$ | _____ | 11) $8x + 11 = 15$ | _____ |
| 4) $9x + 5 = 41$ | _____ | 8) $7x + 3 = 52$ | _____ | 12) $4x + 17 = 18$ | _____ |

Section B

- | | | | | | |
|-------------------|-------|------------------|-------|--------------------|-------|
| 1) $1 + 6x = 19$ | _____ | 5) $5 + 3x = 32$ | _____ | 9) $53 = 8x + 5$ | _____ |
| 2) $9 + 7x = 30$ | _____ | 6) $4 + 5x = 44$ | _____ | 10) $13 = 11 + 4x$ | _____ |
| 3) $3 + 2x = 17$ | _____ | 7) $23 = x + 8$ | _____ | 11) $7 = 8x + 3$ | _____ |
| 4) $11 + 5x = 71$ | _____ | 8) $28 = 3x + 1$ | _____ | 12) $12 = 7 + 15x$ | _____ |

Section C

- | | | | | | |
|------------------|-------|------------------|-------|-------------------|-------|
| 1) $4x - 1 = 31$ | _____ | 5) $2x - 7 = 21$ | _____ | 9) $12x - 9 = 39$ | _____ |
| 2) $3x - 4 = 29$ | _____ | 6) $7x - 3 = 18$ | _____ | 10) $2x - 1 = 2$ | _____ |
| 3) $6x - 5 = 31$ | _____ | 7) $9x - 4 = 32$ | _____ | 11) $4x - 8 = 10$ | _____ |
| 4) $8x - 2 = 46$ | _____ | 8) $5x - 1 = 64$ | _____ | 12) $15x - 2 = 3$ | _____ |

Solving Linear Equations (B)



Section D

1) $x - 3 = -2$ _____

5) $x + 9 = 4$ _____

9) $2x - 18 = -20$ _____

2) $x - 5 = -1$ _____

6) $x + 10 = -5$ _____

10) $2x + 5 = 1$ _____

3) $x - 6 = -4$ _____

7) $2x - 3 = -9$ _____

11) $2x + 14 = 4$ _____

4) $x + 3 = 2$ _____

8) $2x - 10 = -2$ _____

12) $2x + 11 = -5$ _____

Section E

1) $5 - x = 2$ _____

5) $2 - x = 15$ _____

9) $8 - 2x = 12$ _____

2) $9 - x = 5$ _____

6) $7 - x = 21$ _____

10) $2 - 3x = 14$ _____

3) $6 - x = 3$ _____

7) $3 - 2x = 5$ _____

11) $6 - 3x = 27$ _____

4) $8 - x = 14$ _____

8) $5 - 2x = 15$ _____

12) $16 - 5x = 61$ _____

Section F

1) $3x - 1 = 14$ _____

7) $16 - 2x = 40$ _____

13) $3 - 2x = 5$ _____

2) $x - 4 = -3$ _____

8) $34 - 6 = 4x$ _____

14) $8x + 42 = -54$ _____

3) $3 + 2x = 17$ _____

9) $34 = -6 + 5x$ _____

15) $6x - 16 = -70$ _____

4) $7x - 6 = 50$ _____

10) $6 + 11x = -5$ _____

16) $-9 - 4x = -53$ _____

5) $1 - x = 6$ _____

11) $-29 = 3 + 4x$ _____

6) $8 + 5x = 63$ _____

12) $6x + 13 = 25$ _____