

# Solving Linear Equations (A)



Solve the equations to find  $x$ .

## Section A

1)  $x + 3 = 11$  \_\_\_\_\_

5)  $x + 4 = 14$  \_\_\_\_\_

9)  $x + 6 = 24$  \_\_\_\_\_

2)  $x + 2 = 8$  \_\_\_\_\_

6)  $x + 7 = 9$  \_\_\_\_\_

10)  $x + 5 = 36$  \_\_\_\_\_

3)  $x + 5 = 7$  \_\_\_\_\_

7)  $x + 3 = 9$  \_\_\_\_\_

11)  $x + 8 = 43$  \_\_\_\_\_

4)  $x + 7 = 13$  \_\_\_\_\_

8)  $x + 12 = 17$  \_\_\_\_\_

12)  $x + 9 = 61$  \_\_\_\_\_

## Section B

1)  $4 + x = 6$  \_\_\_\_\_

5)  $7 + x = 12$  \_\_\_\_\_

9)  $7 + x = 40$  \_\_\_\_\_

2)  $2 + x = 7$  \_\_\_\_\_

6)  $12 + x = 18$  \_\_\_\_\_

10)  $8 + x = 72$  \_\_\_\_\_

3)  $8 + x = 11$  \_\_\_\_\_

7)  $14 + x = 23$  \_\_\_\_\_

11)  $11 + x = 64$  \_\_\_\_\_

4)  $5 + x = 9$  \_\_\_\_\_

8)  $19 + x = 32$  \_\_\_\_\_

12)  $28 + x = 90$  \_\_\_\_\_

## Section C

1)  $x - 4 = 7$  \_\_\_\_\_

5)  $x - 10 = 2$  \_\_\_\_\_

9)  $x - 9 = 25$  \_\_\_\_\_

2)  $x - 6 = 4$  \_\_\_\_\_

6)  $x - 7 = 18$  \_\_\_\_\_

10)  $x - 12 = 31$  \_\_\_\_\_

3)  $x - 1 = 6$  \_\_\_\_\_

7)  $x - 11 = 8$  \_\_\_\_\_

11)  $x - 16 = 29$  \_\_\_\_\_

4)  $x - 7 = 13$  \_\_\_\_\_

8)  $x - 5 = 16$  \_\_\_\_\_

12)  $x - 28 = 78$  \_\_\_\_\_

# Solving Linear Equations (A)



## Section D

1)  $2x = 6$  \_\_\_\_\_

5)  $3x = 15$  \_\_\_\_\_

9)  $15x = 30$  \_\_\_\_\_

2)  $5x = 10$  \_\_\_\_\_

6)  $6x = 24$  \_\_\_\_\_

10)  $20x = 40$  \_\_\_\_\_

3)  $4x = 12$  \_\_\_\_\_

7)  $7x = 35$  \_\_\_\_\_

11)  $40x = 120$  \_\_\_\_\_

4)  $10x = 90$  \_\_\_\_\_

8)  $12x = 36$  \_\_\_\_\_

12)  $50x = 200$  \_\_\_\_\_

## Section E

1)  $\frac{x}{3} = 4$  \_\_\_\_\_

5)  $\frac{x}{7} = 3$  \_\_\_\_\_

9)  $\frac{x}{7} = 8$  \_\_\_\_\_

2)  $\frac{x}{2} = 8$  \_\_\_\_\_

6)  $\frac{x}{5} = 4$  \_\_\_\_\_

10)  $\frac{x}{12} = 6$  \_\_\_\_\_

3)  $\frac{x}{5} = 7$  \_\_\_\_\_

7)  $\frac{x}{2} = 9$  \_\_\_\_\_

11)  $\frac{x}{14} = 2$  \_\_\_\_\_

4)  $\frac{x}{8} = 4$  \_\_\_\_\_

8)  $\frac{x}{9} = 5$  \_\_\_\_\_

12)  $\frac{x}{30} = 5$  \_\_\_\_\_

## Section F

1)  $4x = 48$  \_\_\_\_\_

8)  $10x = 160$  \_\_\_\_\_

15)  $\frac{x}{4} = 12$  \_\_\_\_\_

2)  $x + 13 = 22$  \_\_\_\_\_

9)  $13 + x = 27$  \_\_\_\_\_

16)  $25 + x = 39$  \_\_\_\_\_

3)  $9x = 63$  \_\_\_\_\_

10)  $6x = 42$  \_\_\_\_\_

17)  $5x = 100$  \_\_\_\_\_

4)  $11x = 132$  \_\_\_\_\_

11)  $x + 17 = 42$  \_\_\_\_\_

18)  $\frac{x}{3} = 300$  \_\_\_\_\_

5)  $12 + x = 26$  \_\_\_\_\_

12)  $\frac{x}{11} = 11$  \_\_\_\_\_

19)  $x + 49 = 110$  \_\_\_\_\_

6)  $\frac{x}{8} = 12$  \_\_\_\_\_

13)  $7x = 56$  \_\_\_\_\_

20)  $100x = 6500$  \_\_\_\_\_

7)  $x - 19 = 30$  \_\_\_\_\_

14)  $18 + x = 24$  \_\_\_\_\_