

Solutions – Equations (A)

Solve the equation $6(y - 1) = 30$.

$$y = 6$$

Solve the equation $4x + 5 = 29$.

$$x = 6$$

Solve the equation $9(t - 12) = -90$.

$$t = 2$$

Solve the equation $7d + 4 = 46$.

$$d = 6$$

Solve the equation $y + 9 = 21$.

$$y = 12$$

Solve the equation $b + 9 = 29$.

$$b = 20$$

Solutions – Equations (B)

Solve the equation $4t + 13 = 33$.

$$t = 5$$

Solve the equation $7x + 2 = 107$.

$$x = 15$$

Solve the equation $y + 13 = 14$.

$$y = 1$$

Solve the equation $8(d - 8) = -16$.

$$d = 6$$

Solve the equation $8(t - 3) = 32$.

$$t = 7$$

Solve the equation $a + 14 = 16$.

$$a = 2$$

Solutions – Equations (C)

Solve the equation $9d + 7 = 133$.

$$d = 14$$

Solve the equation $x + 10 = 30$.

$$x = 20$$

Solve the equation $5(a - 10) = -20$.

$$a = 6$$

Solve the equation $5b + 4 = 79$.

$$b = 15$$

Solve the equation $d + 3 = 12$.

$$d = 9$$

Solve the equation $7(y - 1) = 63$.

$$y = 10$$

Solutions – Equations (D)

Solve the equation $t + 1 = 3$.

$t = 2$

Solve the equation $7a + 9 = 114$.

$a = 15$

Solve the equation $a + 12 = 23$.

$a = 11$

Solve the equation $9y + 4 = 121$.

$y = 13$

Solve the equation $3(x - 9) = -12$.

$x = 5$

Solve the equation $9(d - 7) = 27$.

$d = 10$

Solutions – Equations (E)

Solve the equation $7(y - 4) = 7$.

$$y = 5$$

Solve the equation $3a + 14 = 53$.

$$a = 13$$

Solve the equation $a + 12 = 32$.

$$a = 20$$

Solve the equation $3a + 14 = 44$.

$$a = 10$$

Solve the equation $3(y - 11) = -9$.

$$y = 8$$

Solve the equation $y + 13 = 15$.

$$y = 2$$

Solutions – Equations (F)

Solve the equation $4(t - 3) = 8$.

$$t = 5$$

Solve the equation $d + 8 = 9$.

$$d = 1$$

Solve the equation $t + 12 = 29$.

$$t = 17$$

Solve the equation $7d + 7 = 35$.

$$d = 4$$

Solve the equation $2x + 12 = 18$.

$$x = 3$$

Solve the equation $6(d - 8) = -36$.

$$d = 2$$

Solutions – Equations (G)

Solve the equation $b + 9 = 28$.

$$b = 19$$

Solve the equation $4(d - 12) = -44$.

$$d = 1$$

Solve the equation $y + 9 = 11$.

$$y = 2$$

Solve the equation $6b + 7 = 79$.

$$b = 12$$

Solve the equation $2(y - 12) = -10$.

$$y = 7$$

Solve the equation $8x + 5 = 13$.

$$x = 1$$

Solutions – Equations (H)

Solve the equation $d + 9 = 15$.

$$d = 6$$

Solve the equation $8(d - 8) = 16$.

$$d = 10$$

Solve the equation $10(d - 9) = -80$.

$$d = 1$$

Solve the equation $a + 9 = 12$.

$$a = 3$$

Solve the equation $4b + 11 = 55$.

$$b = 11$$

Solve the equation $10a + 7 = 127$.

$$a = 12$$

Solutions – Equations (I)

Solve the equation $2d + 8 = 30$.

$$d = 11$$

Solve the equation $7(b - 9) = -28$.

$$b = 5$$

Solve the equation $t + 13 = 24$.

$$t = 11$$

Solve the equation $2(a - 5) = 0$.

$$a = 5$$

Solve the equation $d + 13 = 32$.

$$d = 19$$

Solve the equation $7x + 2 = 9$.

$$x = 1$$

Solutions – Equations (J)

Solve the equation $a + 9 = 17$.

$$a = 8$$

Solve the equation $d + 7 = 13$.

$$d = 6$$

Solve the equation $4(b - 10) = -32$.

$$b = 2$$

Solve the equation $7x + 3 = 31$.

$$x = 4$$

Solve the equation $3b + 4 = 49$.

$$b = 15$$

Solve the equation $3(t - 10) = -18$.

$$t = 4$$