

Simple Equations (A)

Solve for each unknown.

$$(-1) = (-22) - y$$

$$9 = j - (-13)$$

$$33 = 9 - w$$

$$(-3) = (-21) - y$$

$$14 - w = 0$$

$$f + (-13) = (-19)$$

$$14 = y + (-9)$$

$$y + 18 = 12$$

$$2 - k = (-14)$$

$$(-21) = 3 + b$$

$$(-38) = (-16) + a$$

$$x + (-9) = 6$$

$$(-31) = (-21) - g$$

$$(-10) + m = (-24)$$

$$23 = 3 - d$$

$$f + (-7) = 3$$

$$q - (-5) = 11$$

$$(-2) = y + 22$$

$$(-21) = (-17) - s$$

$$(-7) + f = (-14)$$

Simple Equations (A) Answers

Solve for each unknown.

$$\begin{aligned}(-1) &= (-22) - y \\ y &= -21\end{aligned}$$

$$\begin{aligned}9 &= j - (-13) \\ j &= -4\end{aligned}$$

$$\begin{aligned}33 &= 9 - w \\ w &= -24\end{aligned}$$

$$\begin{aligned}(-3) &= (-21) - y \\ y &= -18\end{aligned}$$

$$\begin{aligned}14 - w &= 0 \\ w &= 14\end{aligned}$$

$$\begin{aligned}f + (-13) &= (-19) \\ f &= -6\end{aligned}$$

$$\begin{aligned}14 &= y + (-9) \\ y &= 23\end{aligned}$$

$$\begin{aligned}y + 18 &= 12 \\ y &= -6\end{aligned}$$

$$\begin{aligned}2 - k &= (-14) \\ k &= 16\end{aligned}$$

$$\begin{aligned}(-21) &= 3 + b \\ b &= -24\end{aligned}$$

$$\begin{aligned}(-38) &= (-16) + a \\ a &= -22\end{aligned}$$

$$\begin{aligned}x + (-9) &= 6 \\ x &= 15\end{aligned}$$

$$\begin{aligned}(-31) &= (-21) - g \\ g &= 10\end{aligned}$$

$$\begin{aligned}(-10) + m &= (-24) \\ m &= -14\end{aligned}$$

$$\begin{aligned}23 &= 3 - d \\ d &= -20\end{aligned}$$

$$\begin{aligned}f + (-7) &= 3 \\ f &= 10\end{aligned}$$

$$\begin{aligned}q - (-5) &= 11 \\ q &= 6\end{aligned}$$

$$\begin{aligned}(-2) &= y + 22 \\ y &= -24\end{aligned}$$

$$\begin{aligned}(-21) &= (-17) - s \\ s &= 4\end{aligned}$$

$$\begin{aligned}(-7) + f &= (-14) \\ f &= -7\end{aligned}$$

Simple Equations (B)

Solve for each unknown.

$$17 = 0 + f$$

$$(-25) + v = (-47)$$

$$a + (-19) = 3$$

$$s + 15 = 8$$

$$18 = m - (-15)$$

$$d + (-22) = (-44)$$

$$23 + p = 27$$

$$(-4) = 15 - y$$

$$6 = 17 - p$$

$$13 = (-12) - v$$

$$9 = 8 + z$$

$$12 = (-11) + w$$

$$(-18) + q = 5$$

$$a + 2 = (-11)$$

$$18 - x = 5$$

$$a + (-3) = 13$$

$$t - (-1) = (-5)$$

$$35 = b + 17$$

$$(-21) - q = (-6)$$

$$(-30) = w + (-14)$$

Simple Equations (B) Answers

Solve for each unknown.

$$17 = 0 + f$$
$$f = 17$$

$$(-25) + v = (-47)$$
$$v = -22$$

$$a + (-19) = 3$$
$$a = 22$$

$$s + 15 = 8$$
$$s = -7$$

$$18 = m - (-15)$$
$$m = 3$$

$$d + (-22) = (-44)$$
$$d = -22$$

$$23 + p = 27$$
$$p = 4$$

$$(-4) = 15 - y$$
$$y = 19$$

$$6 = 17 - p$$
$$p = 11$$

$$13 = (-12) - v$$
$$v = -25$$

$$9 = 8 + z$$
$$z = 1$$

$$12 = (-11) + w$$
$$w = 23$$

$$(-18) + q = 5$$
$$q = 23$$

$$a + 2 = (-11)$$
$$a = -13$$

$$18 - x = 5$$
$$x = 13$$

$$a + (-3) = 13$$
$$a = 16$$

$$t - (-1) = (-5)$$
$$t = -6$$

$$35 = b + 17$$
$$b = 18$$

$$(-21) - q = (-6)$$
$$q = -15$$

$$(-30) = w + (-14)$$
$$w = -16$$

Simple Equations (C)

Solve for each unknown.

$$(-3) - g = (-3)$$

$$p - (-23) = 11$$

$$d - 3 = (-13)$$

$$p + 14 = 24$$

$$5 = f + (-19)$$

$$(-11) + w = 11$$

$$m + 13 = (-2)$$

$$7 = q + (-11)$$

$$17 = 16 + r$$

$$r - 0 = (-7)$$

$$(-33) = (-15) - q$$

$$u - (-3) = (-21)$$

$$(-10) - b = (-13)$$

$$q - 11 = 11$$

$$7 = m - (-25)$$

$$14 = k + (-10)$$

$$26 = 25 + q$$

$$(-5) + q = (-3)$$

$$25 = 25 - p$$

$$(-18) + b = (-23)$$

Simple Equations (C) Answers

Solve for each unknown.

$$\begin{aligned}(-3) - g &= (-3) \\ g &= 0\end{aligned}$$

$$\begin{aligned}p - (-23) &= 11 \\ p &= -12\end{aligned}$$

$$\begin{aligned}d - 3 &= (-13) \\ d &= -10\end{aligned}$$

$$\begin{aligned}p + 14 &= 24 \\ p &= 10\end{aligned}$$

$$\begin{aligned}5 &= f + (-19) \\ f &= 24\end{aligned}$$

$$\begin{aligned}(-11) + w &= 11 \\ w &= 22\end{aligned}$$

$$\begin{aligned}m + 13 &= (-2) \\ m &= -15\end{aligned}$$

$$\begin{aligned}7 &= q + (-11) \\ q &= 18\end{aligned}$$

$$\begin{aligned}17 &= 16 + r \\ r &= 1\end{aligned}$$

$$\begin{aligned}r - 0 &= (-7) \\ r &= -7\end{aligned}$$

$$\begin{aligned}(-33) &= (-15) - q \\ q &= 18\end{aligned}$$

$$\begin{aligned}u - (-3) &= (-21) \\ u &= -24\end{aligned}$$

$$\begin{aligned}(-10) - b &= (-13) \\ b &= 3\end{aligned}$$

$$\begin{aligned}q - 11 &= 11 \\ q &= 22\end{aligned}$$

$$\begin{aligned}7 &= m - (-25) \\ m &= -18\end{aligned}$$

$$\begin{aligned}14 &= k + (-10) \\ k &= 24\end{aligned}$$

$$\begin{aligned}26 &= 25 + q \\ q &= 1\end{aligned}$$

$$\begin{aligned}(-5) + q &= (-3) \\ q &= 2\end{aligned}$$

$$\begin{aligned}25 &= 25 - p \\ p &= 0\end{aligned}$$

$$\begin{aligned}(-18) + b &= (-23) \\ b &= -5\end{aligned}$$

Simple Equations (D)

Solve for each unknown.

$$22 = 15 - b$$

$$(-13) = 6 + r$$

$$t - (-16) = 27$$

$$(-10) = (-2) + t$$

$$w - (-14) = 6$$

$$(-19) = z + (-4)$$

$$23 = 3 + g$$

$$16 + d = 35$$

$$19 = z - 4$$

$$9 = y + 2$$

$$(-10) = (-4) - r$$

$$14 = u + 9$$

$$(-13) = (-2) + x$$

$$(-30) = j - 9$$

$$f - (-17) = (-2)$$

$$1 = m - 17$$

$$18 = s + 5$$

$$(-7) = k - 23$$

$$13 - k = (-1)$$

$$(-10) = c - 24$$

Simple Equations (D) Answers

Solve for each unknown.

$$22 = 15 - b$$
$$b = -7$$

$$(-13) = 6 + r$$
$$r = -19$$

$$t - (-16) = 27$$
$$t = 11$$

$$(-10) = (-2) + t$$
$$t = -8$$

$$w - (-14) = 6$$
$$w = -8$$

$$(-19) = z + (-4)$$
$$z = -15$$

$$23 = 3 + g$$
$$g = 20$$

$$16 + d = 35$$
$$d = 19$$

$$19 = z - 4$$
$$z = 23$$

$$9 = y + 2$$
$$y = 7$$

$$(-10) = (-4) - r$$
$$r = 6$$

$$14 = u + 9$$
$$u = 5$$

$$(-13) = (-2) + x$$
$$x = -11$$

$$(-30) = j - 9$$
$$j = -21$$

$$f - (-17) = (-2)$$
$$f = -19$$

$$1 = m - 17$$
$$m = 18$$

$$18 = s + 5$$
$$s = 13$$

$$(-7) = k - 23$$
$$k = 16$$

$$13 - k = (-1)$$
$$k = 14$$

$$(-10) = c - 24$$
$$c = 14$$

Simple Equations (E)

Solve for each unknown.

$$(-33) = (-17) - n$$

$$4 = k - (-10)$$

$$35 = x + 19$$

$$1 + u = (-6)$$

$$(-3) + a = 10$$

$$k + (-8) = 11$$

$$17 + n = 4$$

$$3 = 23 - f$$

$$b - 17 = (-38)$$

$$j + 13 = 37$$

$$20 = 22 - d$$

$$11 + m = 9$$

$$(-11) = s + 5$$

$$(-13) = n - 12$$

$$(-11) - w = (-36)$$

$$2 = 18 + s$$

$$b - 18 = (-13)$$

$$(-4) = 8 - s$$

$$d + (-11) = (-7)$$

$$(-7) + c = 1$$

Simple Equations (E) Answers

Solve for each unknown.

$$\begin{aligned}(-33) &= (-17) - n \\ n &= 16\end{aligned}$$

$$\begin{aligned}4 &= k - (-10) \\ k &= -6\end{aligned}$$

$$\begin{aligned}35 &= x + 19 \\ x &= 16\end{aligned}$$

$$\begin{aligned}1 + u &= (-6) \\ u &= -7\end{aligned}$$

$$\begin{aligned}(-3) + a &= 10 \\ a &= 13\end{aligned}$$

$$\begin{aligned}k + (-8) &= 11 \\ k &= 19\end{aligned}$$

$$\begin{aligned}17 + n &= 4 \\ n &= -13\end{aligned}$$

$$\begin{aligned}3 &= 23 - f \\ f &= 20\end{aligned}$$

$$\begin{aligned}b - 17 &= (-38) \\ b &= -21\end{aligned}$$

$$\begin{aligned}j + 13 &= 37 \\ j &= 24\end{aligned}$$

$$\begin{aligned}20 &= 22 - d \\ d &= 2\end{aligned}$$

$$\begin{aligned}11 + m &= 9 \\ m &= -2\end{aligned}$$

$$\begin{aligned}(-11) &= s + 5 \\ s &= -16\end{aligned}$$

$$\begin{aligned}(-13) &= n - 12 \\ n &= -1\end{aligned}$$

$$\begin{aligned}(-11) - w &= (-36) \\ w &= 25\end{aligned}$$

$$\begin{aligned}2 &= 18 + s \\ s &= -16\end{aligned}$$

$$\begin{aligned}b - 18 &= (-13) \\ b &= 5\end{aligned}$$

$$\begin{aligned}(-4) &= 8 - s \\ s &= 12\end{aligned}$$

$$\begin{aligned}d + (-11) &= (-7) \\ d &= 4\end{aligned}$$

$$\begin{aligned}(-7) + c &= 1 \\ c &= 8\end{aligned}$$

Simple Equations (F)

Solve for each unknown.

$$(-26) = (-13) + y$$

$$(-11) = (-7) + j$$

$$20 + a = 3$$

$$n - (-22) = 19$$

$$p + (-24) = (-31)$$

$$t + 2 = (-15)$$

$$(-5) - s = 6$$

$$d + 3 = (-12)$$

$$(-3) - g = (-5)$$

$$1 - k = (-13)$$

$$(-29) = (-10) - m$$

$$9 + z = 20$$

$$(-8) = 5 + y$$

$$14 = m - (-3)$$

$$z + 20 = 13$$

$$18 = c - (-12)$$

$$7 = (-9) - k$$

$$u - 13 = (-7)$$

$$(-7) - d = (-14)$$

$$(-4) = 16 - w$$

Simple Equations (F) Answers

Solve for each unknown.

$$\begin{aligned}(-26) &= (-13) + y \\ y &= -13\end{aligned}$$

$$\begin{aligned}(-11) &= (-7) + j \\ j &= -4\end{aligned}$$

$$\begin{aligned}20 + a &= 3 \\ a &= -17\end{aligned}$$

$$\begin{aligned}n - (-22) &= 19 \\ n &= -3\end{aligned}$$

$$\begin{aligned}p + (-24) &= (-31) \\ p &= -7\end{aligned}$$

$$\begin{aligned}t + 2 &= (-15) \\ t &= -17\end{aligned}$$

$$\begin{aligned}(-5) - s &= 6 \\ s &= -11\end{aligned}$$

$$\begin{aligned}d + 3 &= (-12) \\ d &= -15\end{aligned}$$

$$\begin{aligned}(-3) - g &= (-5) \\ g &= 2\end{aligned}$$

$$\begin{aligned}1 - k &= (-13) \\ k &= 14\end{aligned}$$

$$\begin{aligned}(-29) &= (-10) - m \\ m &= 19\end{aligned}$$

$$\begin{aligned}9 + z &= 20 \\ z &= 11\end{aligned}$$

$$\begin{aligned}(-8) &= 5 + y \\ y &= -13\end{aligned}$$

$$\begin{aligned}14 &= m - (-3) \\ m &= 11\end{aligned}$$

$$\begin{aligned}z + 20 &= 13 \\ z &= -7\end{aligned}$$

$$\begin{aligned}18 &= c - (-12) \\ c &= 6\end{aligned}$$

$$\begin{aligned}7 &= (-9) - k \\ k &= -16\end{aligned}$$

$$\begin{aligned}u - 13 &= (-7) \\ u &= 6\end{aligned}$$

$$\begin{aligned}(-7) - d &= (-14) \\ d &= 7\end{aligned}$$

$$\begin{aligned}(-4) &= 16 - w \\ w &= 20\end{aligned}$$

Simple Equations (G)

Solve for each unknown.

$$6 + q = 0$$

$$33 = 20 + k$$

$$(-22) + j = (-24)$$

$$(-17) = (-9) + q$$

$$28 = 17 - r$$

$$x + 7 = 20$$

$$m + (-10) = (-2)$$

$$2 = 4 - m$$

$$(-14) = t + (-25)$$

$$s - 11 = (-34)$$

$$14 = j - (-24)$$

$$(-7) = g + (-5)$$

$$12 = (-1) - a$$

$$u - 24 = (-27)$$

$$22 = 3 - x$$

$$28 = w - (-5)$$

$$(-11) = 13 + x$$

$$d + (-8) = 12$$

$$10 = 17 + b$$

$$(-15) + g = (-5)$$

Simple Equations (G) Answers

Solve for each unknown.

$$6 + q = 0$$
$$q = -6$$

$$33 = 20 + k$$
$$k = 13$$

$$(-22) + j = (-24)$$
$$j = -2$$

$$(-17) = (-9) + q$$
$$q = -8$$

$$28 = 17 - r$$
$$r = -11$$

$$x + 7 = 20$$
$$x = 13$$

$$m + (-10) = (-2)$$
$$m = 8$$

$$2 = 4 - m$$
$$m = 2$$

$$(-14) = t + (-25)$$
$$t = 11$$

$$s - 11 = (-34)$$
$$s = -23$$

$$14 = j - (-24)$$
$$j = -10$$

$$(-7) = g + (-5)$$
$$g = -2$$

$$12 = (-1) - a$$
$$a = -13$$

$$u - 24 = (-27)$$
$$u = -3$$

$$22 = 3 - x$$
$$x = -19$$

$$28 = w - (-5)$$
$$w = 23$$

$$(-11) = 13 + x$$
$$x = -24$$

$$d + (-8) = 12$$
$$d = 20$$

$$10 = 17 + b$$
$$b = -7$$

$$(-15) + g = (-5)$$
$$g = 10$$

Simple Equations (H)

Solve for each unknown.

$$w + 20 = 9$$

$$(-45) = (-22) - r$$

$$11 = 13 - m$$

$$0 = 24 + k$$

$$(-11) = d + 7$$

$$(-40) = m + (-24)$$

$$(-23) = r + (-20)$$

$$17 = 4 + s$$

$$z - 7 = (-5)$$

$$t + 4 = (-2)$$

$$(-4) - n = 6$$

$$10 = z + (-12)$$

$$1 + f = (-8)$$

$$21 = (-4) + k$$

$$y - 14 = 10$$

$$m + 8 = 20$$

$$u + 24 = 32$$

$$30 = 12 + g$$

$$(-19) + d = (-41)$$

$$42 = 21 - g$$

Simple Equations (H) Answers

Solve for each unknown.

$$w + 20 = 9$$
$$w = -11$$

$$(-45) = (-22) - r$$
$$r = 23$$

$$11 = 13 - m$$
$$m = 2$$

$$0 = 24 + k$$
$$k = -24$$

$$(-11) = d + 7$$
$$d = -18$$

$$(-40) = m + (-24)$$
$$m = -16$$

$$(-23) = r + (-20)$$
$$r = -3$$

$$17 = 4 + s$$
$$s = 13$$

$$z - 7 = (-5)$$
$$z = 2$$

$$t + 4 = (-2)$$
$$t = -6$$

$$(-4) - n = 6$$
$$n = -10$$

$$10 = z + (-12)$$
$$z = 22$$

$$1 + f = (-8)$$
$$f = -9$$

$$21 = (-4) + k$$
$$k = 25$$

$$y - 14 = 10$$
$$y = 24$$

$$m + 8 = 20$$
$$m = 12$$

$$u + 24 = 32$$
$$u = 8$$

$$30 = 12 + g$$
$$g = 18$$

$$(-19) + d = (-41)$$
$$d = -22$$

$$42 = 21 - g$$
$$g = -21$$

Simple Equations (I)

Solve for each unknown.

$$k + 14 = 3$$

$$23 = f + 1$$

$$37 = t - (-12)$$

$$v + (-11) = (-24)$$

$$21 = q + 7$$

$$d + (-20) = (-15)$$

$$(-38) = b + (-18)$$

$$18 = a - 5$$

$$n - (-20) = 13$$

$$w - 18 = (-24)$$

$$26 = x - (-1)$$

$$16 = b + 1$$

$$m + 4 = 23$$

$$32 = b - (-18)$$

$$(-13) = 1 - g$$

$$(-9) + x = 3$$

$$y + 24 = 0$$

$$5 = 3 + t$$

$$14 = 6 + p$$

$$11 - s = (-8)$$

Simple Equations (I) Answers

Solve for each unknown.

$$k + 14 = 3$$
$$k = -11$$

$$23 = f + 1$$
$$f = 22$$

$$37 = t - (-12)$$
$$t = 25$$

$$v + (-11) = (-24)$$
$$v = -13$$

$$21 = q + 7$$
$$q = 14$$

$$d + (-20) = (-15)$$
$$d = 5$$

$$(-38) = b + (-18)$$
$$b = -20$$

$$18 = a - 5$$
$$a = 23$$

$$n - (-20) = 13$$
$$n = -7$$

$$w - 18 = (-24)$$
$$w = -6$$

$$26 = x - (-1)$$
$$x = 25$$

$$16 = b + 1$$
$$b = 15$$

$$m + 4 = 23$$
$$m = 19$$

$$32 = b - (-18)$$
$$b = 14$$

$$(-13) = 1 - g$$
$$g = 14$$

$$(-9) + x = 3$$
$$x = 12$$

$$y + 24 = 0$$
$$y = -24$$

$$5 = 3 + t$$
$$t = 2$$

$$14 = 6 + p$$
$$p = 8$$

$$11 - s = (-8)$$
$$s = 19$$

Simple Equations (J)

Solve for each unknown.

$$(-29) = (-20) + v$$

$$(-33) = u + (-11)$$

$$(-3) + m = (-2)$$

$$m + 13 = 27$$

$$7 = j - 15$$

$$a - (-12) = 36$$

$$18 = 14 + v$$

$$(-7) = (-18) + x$$

$$(-20) = (-11) + y$$

$$34 = x + 24$$

$$(-7) = (-4) - c$$

$$r + 17 = 34$$

$$(-6) + g = (-17)$$

$$z - (-12) = 32$$

$$(-8) = 0 + k$$

$$7 + r = 16$$

$$z + 1 = 3$$

$$12 = 23 - v$$

$$8 = y - (-4)$$

$$6 = x - 15$$

Simple Equations (J) Answers

Solve for each unknown.

$$\begin{aligned}(-29) &= (-20) + v \\ v &= -9\end{aligned}$$

$$\begin{aligned}(-33) &= u + (-11) \\ u &= -22\end{aligned}$$

$$\begin{aligned}(-3) + m &= (-2) \\ m &= 1\end{aligned}$$

$$\begin{aligned}m + 13 &= 27 \\ m &= 14\end{aligned}$$

$$\begin{aligned}7 &= j - 15 \\ j &= 22\end{aligned}$$

$$\begin{aligned}a - (-12) &= 36 \\ a &= 24\end{aligned}$$

$$\begin{aligned}18 &= 14 + v \\ v &= 4\end{aligned}$$

$$\begin{aligned}(-7) &= (-18) + x \\ x &= 11\end{aligned}$$

$$\begin{aligned}(-20) &= (-11) + y \\ y &= -9\end{aligned}$$

$$\begin{aligned}34 &= x + 24 \\ x &= 10\end{aligned}$$

$$\begin{aligned}(-7) &= (-4) - c \\ c &= 3\end{aligned}$$

$$\begin{aligned}r + 17 &= 34 \\ r &= 17\end{aligned}$$

$$\begin{aligned}(-6) + g &= (-17) \\ g &= -11\end{aligned}$$

$$\begin{aligned}z - (-12) &= 32 \\ z &= 20\end{aligned}$$

$$\begin{aligned}(-8) &= 0 + k \\ k &= -8\end{aligned}$$

$$\begin{aligned}7 + r &= 16 \\ r &= 9\end{aligned}$$

$$\begin{aligned}z + 1 &= 3 \\ z &= 2\end{aligned}$$

$$\begin{aligned}12 &= 23 - v \\ v &= 11\end{aligned}$$

$$\begin{aligned}8 &= y - (-4) \\ y &= 4\end{aligned}$$

$$\begin{aligned}6 &= x - 15 \\ x &= 21\end{aligned}$$