Equalities (A)

Find the value of each unknown.

$2 + 9 = 6 + \spadesuit$

$4 + 3 = \blacklozenge + 2$

$6 + \nabla = 9 + 4$

$7 + 5 = 8 + \hexagon$

$\circledcirc + 5 = 5 + 9$

$\frown + 9 = 8 + 9$

$7 + 5 = \square + 5$

$4 + 0 = \odot + 4$

$\odot + 4 = 9 + 4$

$4 + 8 = \heartsuit + 7$

$7 + 4 = \odot + 3$

$1 + \hexagon = 3 + 1$

$3 + \square = 7 + 2$

$0 + 0 = \square + 0$

$2 + 2 = \hexagon + 4$

$0 + \square = 1 + 6$

$2 + 9 = \Delta + 9$

$4 + 5 = \boxtimes + 3$

$0 + \frown = 1 + 5$

$\square + 1 = 2 + 0$

Equalities (A) Answers

Find the value of each unknown.

$2 + 9 = 6 + \spadesuit$
$\spadesuit = 5$

$4 + 3 = \blacklozenge + 2$
$\blacklozenge = 5$

$6 + \nabla = 9 + 4$
$\nabla = 7$

$7 + 5 = 8 + \hexagon$
$\hexagon = 4$

$\circledcirc + 5 = 5 + 9$
$\circledcirc = 9$

$\frown + 9 = 8 + 9$
$\frown = 8$

$7 + 5 = \square + 5$
$\square = 7$

$4 + 0 = \odot + 4$
$\odot = 0$

$\odot + 4 = 9 + 4$
$\odot = 9$

$4 + 8 = \heartsuit + 7$
$\heartsuit = 5$

$7 + 4 = \odot + 3$
$\odot = 8$

$1 + \hexagon = 3 + 1$
$\hexagon = 3$

$3 + \square = 7 + 2$
$\square = 6$

$0 + 0 = [\,] + 0$
$[\,] = 0$

$2 + 2 = \hexagon + 4$
$\hexagon = 0$

$0 + \boxplus = 1 + 6$
$\boxplus = 7$

$2 + 9 = \Delta + 9$
$\Delta = 2$

$4 + 5 = \boxtimes + 3$
$\boxtimes = 6$

$0 + \frown = 1 + 5$
$\frown = 6$

$\square + 1 = 2 + 0$
$\square = 1$

Equalities (B)

Find the value of each unknown.

$5 + 0 = 2 + \spadesuit$

$0 + 3 = 2 + \boxtimes$

$0 + \divideontimes = 6 + 1$

$\blacksquare + 7 = 7 + 9$

$\square + 1 = 1 + 1$

$\divideontimes + 1 = 7 + 2$

$6 + 1 = 6 + \boxplus$

$9 + 6 = \circledast + 9$

$5 + 8 = 7 + \lozenge$

$5 + \spadesuit = 1 + 9$

$8 + \heartsuit = 7 + 1$

$1 + 0 = \boxtimes + 1$

$\heartsuit + 6 = 6 + 8$

$7 + 7 = \Delta + 6$

$\Delta + 7 = 8 + 8$

$\square + 6 = 5 + 2$

$5 + 2 = 5 + \spadesuit$

$5 + 0 = 4 + \boxplus$

$4 + 6 = 6 + \blacklozenge$

$7 + \boxminus = 3 + 9$

Equalities (B) Answers

Find the value of each unknown.

$5 + 0 = 2 + \spadesuit$
$\spadesuit = 3$

$0 + \divideontimes = 6 + 1$
$\divideontimes = 7$

$\square + 1 = 1 + 1$
$\square = 1$

$6 + 1 = 6 + \boxplus$
$\boxplus = 1$

$5 + 8 = 7 + \lozenge$
$\lozenge = 6$

$8 + \heartsuit = 7 + 1$
$\heartsuit = 0$

$\heartsuit + 6 = 6 + 8$
$\heartsuit = 8$

$\Delta + 7 = 8 + 8$
$\Delta = 9$

$5 + 2 = 5 + \spadesuit$
$\spadesuit = 2$

$4 + 6 = 6 + \blacklozenge$
$\blacklozenge = 4$

$0 + 3 = 2 + \boxtimes$
$\boxtimes = 1$

$\blacksquare + 7 = 7 + 9$
$\blacksquare = 9$

$\divideontimes + 1 = 7 + 2$
$\divideontimes = 8$

$9 + 6 = \circledast + 9$
$\circledast = 6$

$5 + \spadesuit = 1 + 9$
$\spadesuit = 5$

$1 + 0 = \boxtimes + 1$
$\boxtimes = 0$

$7 + 7 = \Delta + 6$
$\Delta = 8$

$\square + 6 = 5 + 2$
$\square = 1$

$5 + 0 = 4 + \boxplus$
$\boxplus = 1$

$7 + \boxminus = 3 + 9$
$\boxminus = 5$

Equalities (C)

Find the value of each unknown.

$7 + 0 = \circledast + 6$

$5 + 6 = 9 + \square$

$5 + 5 = 9 + \odot$

$1 + \circledcirc = 5 + 1$

$6 + 2 = \lozenge + 8$

$6 + \boxplus = 6 + 1$

$5 + \nabla = 6 + 2$

$6 + \odot = 7 + 7$

$1 + 2 = 0 + \boxplus$

$\nabla + 3 = 4 + 0$

$2 + 0 = 1 + \circledast$

$\boxplus + 8 = 7 + 9$

$4 + \circledcirc = 4 + 9$

$1 + \boxplus = 3 + 4$

$2 + 6 = 8 + \circledast$

$8 + 0 = 5 + \pentagon$

$8 + 8 = 8 + \diamond$

$8 + 7 = \heartsuit + 8$

$0 + 1 = 0 + \Delta$

$4 + \boxtimes = 2 + 4$

Equalities (C) Answers

Find the value of each unknown.

$7 + 0 = \circledast + 6$
$\circledast = 1$

$5 + 5 = 9 + \odot$
$\odot = 1$

$6 + 2 = \lozenge + 8$
$\lozenge = 0$

$5 + \nabla = 6 + 2$
$\nabla = 3$

$1 + 2 = 0 + \boxplus$
$\boxplus = 3$

$2 + 0 = 1 + \circledast$
$\circledast = 1$

$4 + \circledcirc = 4 + 9$
$\circledcirc = 9$

$2 + 6 = 8 + \circledast$
$\circledast = 0$

$8 + 8 = 8 + \varkappa$
$\varkappa = 8$

$0 + 1 = 0 + \Delta$
$\Delta = 1$

$5 + 6 = 9 + \square$
$\square = 2$

$1 + \circledcirc = 5 + 1$
$\circledcirc = 5$

$6 + \boxminus = 6 + 1$
$\boxminus = 1$

$6 + \odot = 7 + 7$
$\odot = 8$

$\nabla + 3 = 4 + 0$
$\nabla = 1$

$\boxplus + 8 = 7 + 9$
$\boxplus = 8$

$1 + \boxplus = 3 + 4$
$\boxplus = 6$

$8 + 0 = 5 + \triangle$
$\triangle = 3$

$8 + 7 = \heartsuit + 8$
$\heartsuit = 7$

$4 + \boxtimes = 2 + 4$
$\boxtimes = 2$

Equalities (D)

Find the value of each unknown.

$9 + 8 = 8 + \square$

$\square + 4 = 3 + 5$

$6 + \odot = 8 + 6$

$3 + 2 = 4 + \nabla$

$0 + \square = 3 + 2$

$8 + \square = 8 + 9$

$6 + \square = 4 + 7$

$\circledast + 3 = 8 + 2$

$2 + 6 = 7 + \square$

$5 + \square = 2 + 4$

$8 + 3 = \square + 8$

$\square + 6 = 5 + 9$

$7 + 5 = 4 + \nabla$

$8 + 3 = \square + 9$

$5 + 4 = \square + 9$

$8 + 5 = \square + 7$

$\square + 5 = 2 + 5$

$\square + 8 = 7 + 7$

$\spadesuit + 8 = 6 + 7$

$\boxplus + 9 = 9 + 8$

Equalities (D) Answers

Find the value of each unknown.

$9 + 8 = 8 + \square$
$\square = 9$

$6 + \odot = 8 + 6$
$\odot = 8$

$0 + \square = 3 + 2$
$\square = 5$

$6 + \frown = 4 + 7$
$\frown = 5$

$2 + 6 = 7 + \diamond$
$\diamond = 1$

$8 + 3 = \square + 8$
$\square = 3$

$7 + 5 = 4 + \nabla$
$\nabla = 8$

$5 + 4 = \square + 9$
$\square = 0$

$[\,] + 5 = 2 + 5$
$[\,] = 2$

$\spadesuit + 8 = 6 + 7$
$\spadesuit = 5$

$\hexagon + 4 = 3 + 5$
$\hexagon = 4$

$3 + 2 = 4 + \nabla$
$\nabla = 1$

$8 + \square = 8 + 9$
$\square = 9$

$\circledast + 3 = 8 + 2$
$\circledast = 7$

$5 + \square = 2 + 4$
$\square = 1$

$\divideontimes + 6 = 5 + 9$
$\divideontimes = 8$

$8 + 3 = \square + 9$
$\square = 2$

$8 + 5 = \square + 7$
$\square = 6$

$\square + 8 = 7 + 7$
$\square = 6$

$\boxplus + 9 = 9 + 8$
$\boxplus = 8$

Equalities (E)

Find the value of each unknown.

$1 + \spadesuit = 6 + 1$

$\square + 5 = 5 + 7$

$\divideontimes + 3 = 3 + 8$

$8 + \spadesuit = 4 + 5$

$8 + 0 = \heartsuit + 6$

$4 + 8 = 7 + \pentagon$

$5 + \square = 3 + 3$

$6 + 8 = \pentagon + 6$

$8 + 6 = 9 + \frown$

$7 + 0 = \square + 5$

$\divideontimes + 0 = 5 + 4$

$9 + \frown = 6 + 7$

$\Delta + 9 = 8 + 7$

$\blacklozenge + 5 = 7 + 3$

$2 + 7 = 9 + \divideontimes$

$4 + 6 = 4 + \square$

$\circledcirc + 0 = 0 + 0$

$9 + 3 = 9 + \frown$

$0 + 1 = \boxtimes + 0$

$9 + \nabla = 7 + 8$

Equalities (E) Answers

Find the value of each unknown.

$1 + \spadesuit = 6 + 1$
$\spadesuit = 6$

$\square + 5 = 5 + 7$
$\square = 7$

$\divideontimes + 3 = 3 + 8$
$\divideontimes = 8$

$8 + \spadesuit = 4 + 5$
$\spadesuit = 1$

$8 + 0 = \heartsuit + 6$
$\heartsuit = 2$

$4 + 8 = 7 + \pentagon$
$\pentagon = 5$

$5 + \rectangle = 3 + 3$
$\rectangle = 1$

$6 + 8 = \pentagon + 6$
$\pentagon = 8$

$8 + 6 = 9 + \frown$
$\frown = 5$

$7 + 0 = \rectangle + 5$
$\rectangle = 2$

$\divideontimes + 0 = 5 + 4$
$\divideontimes = 9$

$9 + \frown = 6 + 7$
$\frown = 4$

$\Delta + 9 = 8 + 7$
$\Delta = 6$

$\blacklozenge + 5 = 7 + 3$
$\blacklozenge = 5$

$2 + 7 = 9 + \divideontimes$
$\divideontimes = 0$

$4 + 6 = 4 + \rectangle$
$\rectangle = 6$

$\circledcirc + 0 = 0 + 0$
$\circledcirc = 0$

$9 + 3 = 9 + \frown$
$\frown = 3$

$0 + 1 = \boxtimes + 0$
$\boxtimes = 1$

$9 + \nabla = 7 + 8$
$\nabla = 6$

Equalities (F)

Find the value of each unknown.

$1 + 9 = 8 + ⊛$

$0 + \square = 2 + 2$

$⧖ + 8 = 5 + 7$

$7 + ⬡ = 2 + 9$

$3 + 5 = 7 + ⊛$

$\Delta + 6 = 9 + 5$

$3 + 8 = ■ + 6$

$⬡ + 0 = 8 + 1$

$4 + 6 = 4 + ⧖$

$8 + 8 = ⬡ + 7$

$0 + 3 = 3 + ※$

$9 + 7 = ✧ + 9$

$3 + \square = 8 + 2$

$▭ + 4 = 8 + 5$

$0 + ♠ = 8 + 1$

$9 + ※ = 9 + 9$

$3 + 0 = ▭ + 0$

$7 + ⌓ = 9 + 7$

$9 + 2 = ⌓ + 5$

$5 + 7 = 5 + ■$

Equalities (F) Answers

Find the value of each unknown.

$1 + 9 = 8 + ⊛$
$⊛ = 2$

$0 + □ = 2 + 2$
$□ = 4$

$⧖ + 8 = 5 + 7$
$⧖ = 4$

$7 + ⬡ = 2 + 9$
$⬡ = 4$

$3 + 5 = 7 + ⊛$
$⊛ = 1$

$\Delta + 6 = 9 + 5$
$\Delta = 8$

$3 + 8 = ■ + 6$
$■ = 5$

$⬡ + 0 = 8 + 1$
$⬡ = 9$

$4 + 6 = 4 + ⧖$
$⧖ = 6$

$8 + 8 = ⬡ + 7$
$⬡ = 9$

$0 + 3 = 3 + ※$
$※ = 0$

$9 + 7 = ✧ + 9$
$✧ = 7$

$3 + □ = 8 + 2$
$□ = 7$

$▭ + 4 = 8 + 5$
$▭ = 9$

$0 + ♠ = 8 + 1$
$♠ = 9$

$9 + ※ = 9 + 9$
$※ = 9$

$3 + 0 = ▭ + 0$
$▭ = 3$

$7 + ⌓ = 9 + 7$
$⌓ = 9$

$9 + 2 = ⌓ + 5$
$⌓ = 6$

$5 + 7 = 5 + ■$
$■ = 7$

Equalities (G)

Find the value of each unknown.

$\circledast + 6 = 5 + 9$

$9 + 7 = \circledast + 8$

$7 + 1 = 2 + \frown$

$1 + 0 = 1 + \circledast$

$\hexagon + 9 = 9 + 9$

$0 + 2 = \pentagon + 2$

$0 + \odot = 0 + 2$

$6 + 9 = \spadesuit + 8$

$7 + 6 = \nabla + 7$

$7 + \circledcirc = 0 + 7$

$9 + \circledast = 5 + 8$

$9 + 1 = \square + 1$

$\square + 4 = 2 + 5$

$5 + 7 = 8 + \nabla$

$3 + 3 = 5 + \boxplus$

$9 + \nabla = 9 + 9$

$9 + 2 = 3 + \boxtimes$

$2 + 1 = \boxtimes + 2$

$\boxplus + 9 = 3 + 6$

$\odot + 0 = 0 + 3$

Equalities (G) Answers

Find the value of each unknown.

$\circledast + 6 = 5 + 9$
$\circledast = 8$

$9 + 7 = \circledast + 8$
$\circledast = 8$

$7 + 1 = 2 + \frown$
$\frown = 6$

$1 + 0 = 1 + \circledast$
$\circledast = 0$

$\hexagon + 9 = 9 + 9$
$\hexagon = 9$

$0 + 2 = \pentagon + 2$
$\pentagon = 0$

$0 + \odot = 0 + 2$
$\odot = 2$

$6 + 9 = \spadesuit + 8$
$\spadesuit = 7$

$7 + 6 = \nabla + 7$
$\nabla = 6$

$7 + \circledcirc = 0 + 7$
$\circledcirc = 0$

$9 + \circledast = 5 + 8$
$\circledast = 4$

$9 + 1 = \square + 1$
$\square = 9$

$\square + 4 = 2 + 5$
$\square = 3$

$5 + 7 = 8 + \nabla$
$\nabla = 4$

$3 + 3 = 5 + \boxplus$
$\boxplus = 1$

$9 + \nabla = 9 + 9$
$\nabla = 9$

$9 + 2 = 3 + \boxtimes$
$\boxtimes = 8$

$2 + 1 = \boxtimes + 2$
$\boxtimes = 1$

$\boxplus + 9 = 3 + 6$
$\boxplus = 0$

$\odot + 0 = 0 + 3$
$\odot = 3$

Equalities (H)

Find the value of each unknown.

⧖ + 7 = 6 + 9

3 + 2 = 0 + ⊙

Δ + 9 = 9 + 2

5 + 3 = 4 + ✧

6 + 1 = 3 + □

3 + 4 = 7 + ■

8 + 4 = 5 + ⬡

0 + ⧉ = 8 + 1

3 + 2 = ⊛ + 5

1 + ◉ = 7 + 3

2 + ⌂ = 3 + 1

4 + 9 = 9 + ▯

9 + 2 = 9 + ⌓

8 + 9 = ♠ + 8

⧖ + 6 = 6 + 6

5 + ■ = 2 + 3

4 + ♦ = 0 + 6

3 + 3 = 3 + ■

6 + 9 = 9 + ▭

2 + 7 = 2 + ⧖

Equalities (H) Answers

Find the value of each unknown.

$\boxtimes + 7 = 6 + 9$
$\boxtimes = 8$

$\Delta + 9 = 9 + 2$
$\Delta = 2$

$6 + 1 = 3 + \square$
$\square = 4$

$8 + 4 = 5 + \hexagon$
$\hexagon = 7$

$3 + 2 = \circledast + 5$
$\circledast = 0$

$2 + \pentagon = 3 + 1$
$\pentagon = 2$

$9 + 2 = 9 + \frown$
$\frown = 2$

$\boxtimes + 6 = 6 + 6$
$\boxtimes = 6$

$4 + \blacklozenge = 0 + 6$
$\blacklozenge = 2$

$6 + 9 = 9 + \square$
$\square = 6$

$3 + 2 = 0 + \odot$
$\odot = 5$

$5 + 3 = 4 + \diamond$
$\diamond = 4$

$3 + 4 = 7 + \blacksquare$
$\blacksquare = 0$

$0 + \boxplus = 8 + 1$
$\boxplus = 9$

$1 + \circledcirc = 7 + 3$
$\circledcirc = 9$

$4 + 9 = 9 + \square$
$\square = 4$

$8 + 9 = \spadesuit + 8$
$\spadesuit = 9$

$5 + \blacksquare = 2 + 3$
$\blacksquare = 0$

$3 + 3 = 3 + \blacksquare$
$\blacksquare = 3$

$2 + 7 = 2 + \boxtimes$
$\boxtimes = 7$

Equalities (I)

Find the value of each unknown.

$\nabla + 6 = 7 + 7$

$8 + 0 = \blacksquare + 5$

$\blacksquare + 3 = 2 + 7$

$\blacksquare + 5 = 6 + 4$

$\blacksquare + 7 = 9 + 5$

$5 + 9 = \circledcirc + 8$

$9 + \blacklozenge = 8 + 4$

$3 + 9 = 4 + \blacklozenge$

$0 + 2 = 2 + \square$

$8 + 7 = 6 + \circledast$

$0 + \boxtimes = 1 + 3$

$\nabla + 0 = 0 + 0$

$3 + \square = 4 + 8$

$6 + \spadesuit = 4 + 9$

$8 + 0 = 8 + \odot$

$0 + 4 = \square + 2$

$3 + \Delta = 6 + 5$

$6 + 5 = \square + 7$

$8 + \heartsuit = 9 + 8$

$8 + 3 = 7 + \blacklozenge$

Equalities (I) Answers

Find the value of each unknown.

$\nabla + 6 = 7 + 7$
$\nabla = 8$

$8 + 0 = \blacksquare + 5$
$\blacksquare = 3$

$\blacksquare + 3 = 2 + 7$
$\blacksquare = 6$

$\blacksquare + 5 = 6 + 4$
$\blacksquare = 5$

$\blacksquare + 7 = 9 + 5$
$\blacksquare = 7$

$5 + 9 = \circledcirc + 8$
$\circledcirc = 6$

$9 + \blacklozenge = 8 + 4$
$\blacklozenge = 3$

$3 + 9 = 4 + \blacklozenge$
$\blacklozenge = 8$

$0 + 2 = 2 + \square$
$\square = 0$

$8 + 7 = 6 + \circledast$
$\circledast = 9$

$0 + \boxtimes = 1 + 3$
$\boxtimes = 4$

$\nabla + 0 = 0 + 0$
$\nabla = 0$

$3 + \square = 4 + 8$
$\square = 9$

$6 + \spadesuit = 4 + 9$
$\spadesuit = 7$

$8 + 0 = 8 + \odot$
$\odot = 0$

$0 + 4 = \square + 2$
$\square = 2$

$3 + \Delta = 6 + 5$
$\Delta = 8$

$6 + 5 = \square + 7$
$\square = 4$

$8 + \heartsuit = 9 + 8$
$\heartsuit = 9$

$8 + 3 = 7 + \blacklozenge$
$\blacklozenge = 4$

Equalities (J)

Find the value of each unknown.

$6 + \blacksquare = 1 + 5$

$6 + 3 = \Delta + 4$

$2 + 8 = \square + 2$

$2 + \lozenge = 3 + 1$

$4 + \lozenge = 9 + 4$

$0 + 9 = 9 + \spadesuit$

$7 + \Delta = 6 + 2$

$4 + \blacklozenge = 7 + 4$

$8 + \boxtimes = 7 + 4$

$7 + 6 = 9 + \divideontimes$

$\square + 4 = 8 + 5$

$6 + 6 = 3 + \blacksquare$

$\circledast + 7 = 9 + 7$

$7 + 3 = 8 + \odot$

$0 + \nabla = 1 + 0$

$1 + \square = 6 + 4$

$\divideontimes + 0 = 6 + 0$

$2 + 1 = \divideontimes + 0$

$2 + 9 = 6 + \blacklozenge$

$2 + \divideontimes = 8 + 0$

Equalities (J) Answers

Find the value of each unknown.

$6 + \blacksquare = 1 + 5$
$\blacksquare = 0$

$6 + 3 = \Delta + 4$
$\Delta = 5$

$2 + 8 = \square + 2$
$\square = 8$

$2 + \lozenge = 3 + 1$
$\lozenge = 2$

$4 + \lozenge = 9 + 4$
$\lozenge = 9$

$0 + 9 = 9 + \spadesuit$
$\spadesuit = 0$

$7 + \Delta = 6 + 2$
$\Delta = 1$

$4 + \blacklozenge = 7 + 4$
$\blacklozenge = 7$

$8 + \boxtimes = 7 + 4$
$\boxtimes = 3$

$7 + 6 = 9 + \divideontimes$
$\divideontimes = 4$

$\square + 4 = 8 + 5$
$\square = 9$

$6 + 6 = 3 + \blacksquare$
$\blacksquare = 9$

$\circledast + 7 = 9 + 7$
$\circledast = 9$

$7 + 3 = 8 + \odot$
$\odot = 2$

$0 + \nabla = 1 + 0$
$\nabla = 1$

$1 + \square = 6 + 4$
$\square = 9$

$\divideontimes + 0 = 6 + 0$
$\divideontimes = 6$

$2 + 1 = \divideontimes + 0$
$\divideontimes = 3$

$2 + 9 = 6 + \blacklozenge$
$\blacklozenge = 5$

$2 + \divideontimes = 8 + 0$
$\divideontimes = 6$