Equalities (A)

Find the value of each unknown.

$9 + \odot = 11 + 20$

$7 + \blacklozenge = 13 + 19$

$14 + \square = 18 + 17$

$\spadesuit + 14 = 16 + 1$

$17 + 20 = 21 + \frown$

$15 + 13 = 23 + \blacksquare$

$11 + 18 = 14 + \pentagon$

$23 + 7 = 12 + \heartsuit$

$18 + 19 = \divideontimes + 23$

$19 + 23 = 20 + \boxplus$

$11 + \hexagon = 11 + 12$

$17 + \square = 24 + 9$

$6 + \Delta = 8 + 2$

$19 + 11 = \circledast + 10$

$\hexagon + 2 = 20 + 4$

$17 + \divideontimes = 14 + 11$

$\square + 16 = 23 + 10$

$2 + 16 = 7 + \boxtimes$

$5 + \spadesuit = 8 + 22$

$12 + 20 = 7 + \square$

Equalities (A) Answers

Find the value of each unknown.

$9 + \odot = 11 + 20$
$\odot = 22$

$14 + \square = 18 + 17$
$\square = 21$

$17 + 20 = 21 + \frown$
$\frown = 16$

$11 + 18 = 14 + \pentagon$
$\pentagon = 15$

$18 + 19 = \divideontimes + 23$
$\divideontimes = 14$

$11 + \hexagon = 11 + 12$
$\hexagon = 12$

$6 + \Delta = 8 + 2$
$\Delta = 4$

$\hexagon + 2 = 20 + 4$
$\hexagon = 22$

$\square + 16 = 23 + 10$
$\square = 17$

$5 + \spadesuit = 8 + 22$
$\spadesuit = 25$

$7 + \blacklozenge = 13 + 19$
$\blacklozenge = 25$

$\spadesuit + 14 = 16 + 1$
$\spadesuit = 3$

$15 + 13 = 23 + \blacksquare$
$\blacksquare = 5$

$23 + 7 = 12 + \heartsuit$
$\heartsuit = 18$

$19 + 23 = 20 + \boxplus$
$\boxplus = 22$

$17 + \square = 24 + 9$
$\square = 16$

$19 + 11 = \circledstar + 10$
$\circledstar = 20$

$17 + \divideontimes = 14 + 11$
$\divideontimes = 8$

$2 + 16 = 7 + \hourglass$
$\hourglass = 11$

$12 + 20 = 7 + \square$
$\square = 25$

Equalities (B)

Find the value of each unknown.

$23 + 12 = \heartsuit + 11$

$15 + 1 = 3 + \heartsuit$

$7 + 10 = \square + 5$

$\pentagon + 16 = 7 + 18$

$25 + \nabla = 24 + 18$

$\diamondsuit + 1 = 1 + 3$

$18 + 4 = 9 + \circledcirc$

$20 + 5 = 6 + \square$

$24 + 21 = \odot + 25$

$19 + 13 = 17 + \frown$

$10 + 7 = 12 + \pentagon$

$\divideontimes + 21 = 13 + 15$

$18 + 24 = 17 + \blacksquare$

$16 + 15 = \square + 25$

$17 + 9 = 8 + \square$

$9 + \circledcirc = 1 + 18$

$3 + \diamondsuit = 7 + 17$

$13 + 17 = 22 + \nabla$

$\boxplus + 23 = 24 + 3$

$20 + 8 = 24 + \divideontimes$

Equalities (B) Answers

Find the value of each unknown.

$23 + 12 = \heartsuit + 11$
$\heartsuit = 24$

$15 + 1 = 3 + \heartsuit$
$\heartsuit = 13$

$7 + 10 = \square + 5$
$\square = 12$

$\pentagon + 16 = 7 + 18$
$\pentagon = 9$

$25 + \nabla = 24 + 18$
$\nabla = 17$

$\diamondsuit + 1 = 1 + 3$
$\diamondsuit = 3$

$18 + 4 = 9 + \circledcirc$
$\circledcirc = 13$

$20 + 5 = 6 + \square$
$\square = 19$

$24 + 21 = \odot + 25$
$\odot = 20$

$19 + 13 = 17 + \frown$
$\frown = 15$

$10 + 7 = 12 + \pentagon$
$\pentagon = 5$

$\divideontimes + 21 = 13 + 15$
$\divideontimes = 7$

$18 + 24 = 17 + \blacksquare$
$\blacksquare = 25$

$16 + 15 = \square + 25$
$\square = 6$

$17 + 9 = 8 + \square$
$\square = 18$

$9 + \circledcirc = 1 + 18$
$\circledcirc = 10$

$3 + \diamondsuit = 7 + 17$
$\diamondsuit = 21$

$13 + 17 = 22 + \nabla$
$\nabla = 8$

$\boxplus + 23 = 24 + 3$
$\boxplus = 4$

$20 + 8 = 24 + \divideontimes$
$\divideontimes = 4$

Equalities (C)

Find the value of each unknown.

$4 + \heartsuit = 13 + 12$

$\odot + 17 = 17 + 15$

$9 + 12 = 15 + \lozenge$

$11 + \square = 11 + 1$

$13 + 14 = 8 + \circledcirc$

$13 + 1 = 12 + \square$

$\circledast + 2 = 7 + 1$

$\square + 4 = 1 + 7$

$25 + \boxtimes = 22 + 12$

$7 + 24 = \diamond + 13$

$23 + 18 = \frown + 23$

$15 + \divideontimes = 19 + 11$

$\divideontimes + 17 = 1 + 17$

$\nabla + 7 = 2 + 17$

$5 + 24 = 13 + \square$

$14 + \odot = 23 + 8$

$5 + 12 = 15 + \blacksquare$

$19 + \odot = 22 + 1$

$12 + 25 = \blacksquare + 14$

$14 + 3 = 3 + \pentagon$

Equalities (C) Answers

Find the value of each unknown.

$4 + \heartsuit = 13 + 12$

$\heartsuit = 21$

$9 + 12 = 15 + \lozenge$

$\lozenge = 6$

$13 + 14 = 8 + \circledcirc$

$\circledcirc = 19$

$\circledast + 2 = 7 + 1$

$\circledast = 6$

$25 + \boxtimes = 22 + 12$

$\boxtimes = 9$

$23 + 18 = \frown + 23$

$\frown = 18$

$\divideontimes + 17 = 1 + 17$

$\divideontimes = 1$

$5 + 24 = 13 +$

$= 16$

$5 + 12 = 15 + \blacksquare$

$\blacksquare = 2$

$12 + 25 = \blacksquare + 14$

$\blacksquare = 23$

$\odot + 17 = 17 + 15$

$\odot = 15$

$11 +$ $= 11 + 1$

$= 1$

$13 + 1 = 12 +$

$= 2$

$+ 4 = 1 + 7$

$= 4$

$7 + 24 = \diamondsuit + 13$

$\diamondsuit = 18$

$15 + \divideontimes = 19 + 11$

$\divideontimes = 15$

$\nabla + 7 = 2 + 17$

$\nabla = 12$

$14 + \odot = 23 + 8$

$\odot = 17$

$19 + \odot = 22 + 1$

$\odot = 4$

$14 + 3 = 3 +$

 $= 14$

Equalities (D)

Find the value of each unknown.

$6 + \blacksquare = 9 + 17$

$12 + \lozenge = 20 + 4$

$20 + 8 = \heartsuit + 14$

$4 + 12 = \hexagon + 10$

$4 + 2 = 2 + \lozenge$

$4 + ⧖ = 5 + 21$

$17 + 9 = \square + 19$

$4 + \heartsuit = 6 + 1$

$⊞ + 8 = 1 + 11$

$2 + \lozenge = 8 + 6$

$\square + 17 = 10 + 22$

$1 + 2 = 2 + \nabla$

$20 + 23 = \frown + 25$

$◉ + 15 = 18 + 3$

$22 + 5 = \square + 15$

$\square + 19 = 2 + 18$

$18 + \nabla = 19 + 23$

$5 + 16 = ※ + 19$

$2 + 19 = 10 + ⊛$

$17 + 17 = \heartsuit + 15$

Equalities (D) Answers

Find the value of each unknown.

$6 + ■ = 9 + 17$
$■ = 20$

$20 + 8 = ♡ + 14$
$♡ = 14$

$4 + 2 = 2 + ◊$
$◊ = 4$

$17 + 9 = ▯ + 19$
$▯ = 7$

$⊞ + 8 = 1 + 11$
$⊞ = 4$

$□ + 17 = 10 + 22$
$□ = 15$

$20 + 23 = ⌓ + 25$
$⌓ = 18$

$22 + 5 = ▯ + 15$
$▯ = 12$

$18 + ∇ = 19 + 23$
$∇ = 24$

$2 + 19 = 10 + ⍟$
$⍟ = 11$

$12 + ◊ = 20 + 4$
$◊ = 12$

$4 + 12 = ⎔ + 10$
$⎔ = 6$

$4 + ⧖ = 5 + 21$
$⧖ = 22$

$4 + ♡ = 6 + 1$
$♡ = 3$

$2 + ◊ = 8 + 6$
$◊ = 12$

$1 + 2 = 2 + ∇$
$∇ = 1$

$◉ + 15 = 18 + 3$
$◉ = 6$

$□ + 19 = 2 + 18$
$□ = 1$

$5 + 16 = ※ + 19$
$※ = 2$

$17 + 17 = ♡ + 15$
$♡ = 19$

Equalities (E)

Find the value of each unknown.

$1 + 12 = \heartsuit + 7$

$\odot + 6 = 3 + 5$

$5 + 13 = 6 + \boxplus$

$\Delta + 1 = 1 + 20$

$\boxtimes + 10 = 10 + 15$

$9 + 2 = 5 + \circledcirc$

$21 + \diamondsuit = 14 + 12$

$4 + 15 = 9 + \square$

$3 + 8 = \frown + 6$

$4 + 3 = \circledast + 5$

$\heartsuit + 16 = 25 + 15$

$3 + \nabla = 14 + 1$

$8 + \square = 6 + 12$

$10 + 24 = \boxplus + 23$

$17 + \frown = 12 + 25$

$7 + \spadesuit = 4 + 16$

$6 + \nabla = 17 + 5$

$7 + 16 = 12 + \diamondsuit$

$\diamondsuit + 22 = 16 + 9$

$5 + \blacklozenge = 13 + 15$

Equalities (E) Answers

Find the value of each unknown.

$1 + 12 = \heartsuit + 7$
$\heartsuit = 6$

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

$5 + 13 = 6 + \boxplus$
$\boxplus = 12$

$\Delta + 1 = 1 + 20$
$\Delta = 20$

$\boxtimes + 10 = 10 + 15$
$\boxtimes = 15$

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

$21 + \diamondsuit = 14 + 12$
$\diamondsuit = 5$

$4 + 15 = 9 + \square$
$\square = 10$

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

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

$\heartsuit + 16 = 25 + 15$
$\heartsuit = 24$

$3 + \nabla = 14 + 1$
$\nabla = 12$

$8 + \square = 6 + 12$
$\square = 10$

$10 + 24 = \boxplus + 23$
$\boxplus = 11$

$17 + \frown = 12 + 25$
$\frown = 20$

$7 + \spadesuit = 4 + 16$
$\spadesuit = 13$

$6 + \nabla = 17 + 5$
$\nabla = 16$

$7 + 16 = 12 + \diamondsuit$
$\diamondsuit = 11$

$\diamondsuit + 22 = 16 + 9$
$\diamondsuit = 3$

$5 + \blacklozenge = 13 + 15$
$\blacklozenge = 23$

Equalities (F)

Find the value of each unknown.

$\hexagon + 5 = 3 + 4$

$\circledast + 17 = 23 + 16$

$7 + 20 = 13 + \spadesuit$

$23 + 4 = \diamond + 6$

$24 + \lozenge = 25 + 17$

$19 + \blacksquare = 16 + 25$

$\lozenge + 20 = 9 + 22$

$18 + \nabla = 21 + 4$

$20 + 19 = \nabla + 24$

$2 + \square = 20 + 6$

$1 + \circledast = 8 + 4$

$10 + \square = 25 + 8$

$\circledcirc + 25 = 17 + 24$

$20 + \square = 16 + 24$

$3 + \square = 6 + 2$

$22 + \blacklozenge = 25 + 18$

$\hexagon + 15 = 5 + 16$

$21 + 4 = 8 + \lozenge$

$15 + 2 = 10 + \pentagon$

$25 + \square = 11 + 24$

Equalities (F) Answers

Find the value of each unknown.

⬡ + 5 = 3 + 4
⬡ = 2

1 + ⍟ = 8 + 4
⍟ = 11

⍟ + 17 = 23 + 16
⍟ = 22

10 + □ = 25 + 8
□ = 23

7 + 20 = 13 + ♠
♠ = 14

◉ + 25 = 17 + 24
◉ = 16

23 + 4 = ✧ + 6
✧ = 21

20 + □ = 16 + 24
□ = 20

24 + ◊ = 25 + 17
◊ = 18

3 + □ = 6 + 2
□ = 5

19 + ■ = 16 + 25
■ = 22

22 + ♦ = 25 + 18
♦ = 21

◊ + 20 = 9 + 22
◊ = 11

⬡ + 15 = 5 + 16
⬡ = 6

18 + ∇ = 21 + 4
∇ = 7

21 + 4 = 8 + ◊
◊ = 17

20 + 19 = ∇ + 24
∇ = 15

15 + 2 = 10 + ⬠
⬠ = 7

2 + ▭ = 20 + 6
▭ = 24

25 + □ = 11 + 24
□ = 10

Equalities (G)

Find the value of each unknown.

$\odot + 12 = 15 + 8$

$\heartsuit + 22 = 14 + 13$

$5 + \square = 9 + 18$

$\diamond + 9 = 23 + 8$

$11 + 5 = \blacksquare + 3$

$\square + 21 = 22 + 4$

$15 + 18 = 8 + \blacksquare$

$\blacklozenge + 16 = 3 + 14$

$\odot + 14 = 1 + 22$

$\Delta + 23 = 16 + 10$

$8 + 14 = 15 + \frown$

$11 + 16 = 15 + \circledcirc$

$\circledast + 23 = 13 + 25$

$1 + 5 = \diamond + 3$

$13 + 11 = \square + 5$

$24 + 19 = \square + 23$

$22 + 17 = \frown + 16$

$\lozenge + 15 = 19 + 19$

$\boxplus + 8 = 1 + 25$

$2 + \odot = 2 + 11$

Equalities (G) Answers

Find the value of each unknown.

$\odot + 12 = 15 + 8$

$\odot = 11$

$\heartsuit + 22 = 14 + 13$

$\heartsuit = 5$

$5 + \boxplus = 9 + 18$

$\boxplus = 22$

$\diamondsuit + 9 = 23 + 8$

$\diamondsuit = 22$

$11 + 5 = \blacksquare + 3$

$\blacksquare = 13$

$\boxplus + 21 = 22 + 4$

$\boxplus = 5$

$15 + 18 = 8 + \blacksquare$

$\blacksquare = 25$

$\blacklozenge + 16 = 3 + 14$

$\blacklozenge = 1$

$\odot + 14 = 1 + 22$

$\odot = 9$

$\Delta + 23 = 16 + 10$

$\Delta = 3$

$8 + 14 = 15 + \frown$

$\frown = 7$

$11 + 16 = 15 + \circledcirc$

$\circledcirc = 12$

$\circledstar + 23 = 13 + 25$

$\circledstar = 15$

$1 + 5 = \diamondsuit + 3$

$\diamondsuit = 3$

$13 + 11 = \boxplus + 5$

$\boxplus = 19$

$24 + 19 = \square + 23$

$\square = 20$

$22 + 17 = \frown + 16$

$\frown = 23$

$\lozenge + 15 = 19 + 19$

$\lozenge = 23$

$\boxplus + 8 = 1 + 25$

$\boxplus = 18$

$2 + \odot = 2 + 11$

$\odot = 11$

Equalities (H)

Find the value of each unknown.

⬡ + 13 = 13 + 8

16 + ⧉ = 16 + 3

9 + 1 = 1 + ◊

⊛ + 17 = 25 + 16

▯ + 11 = 5 + 8

⬡ + 10 = 10 + 6

4 + 20 = 8 + ▭

21 + 5 = 1 + ⌂

18 + 13 = 17 + ⌓

1 + 21 = ⬡ + 10

5 + ▭ = 14 + 14

7 + 14 = 13 + ♦

⬡ + 24 = 21 + 19

20 + 21 = 19 + ⊞

18 + ♠ = 12 + 9

19 + 19 = 25 + ⌓

23 + 22 = ♠ + 23

6 + 9 = 6 + ♡

15 + 18 = 8 + ■

3 + ♦ = 1 + 7

Equalities (H) Answers

Find the value of each unknown.

⬡ + 13 = 13 + 8
⬡ = 8

16 + ⧉ = 16 + 3
⧉ = 3

9 + 1 = 1 + ◊
◊ = 9

⍟ + 17 = 25 + 16
⍟ = 24

▯ + 11 = 5 + 8
▯ = 2

⬡ + 10 = 10 + 6
⬡ = 6

4 + 20 = 8 + ▭
▭ = 16

21 + 5 = 1 + ⬠
⬠ = 25

18 + 13 = 17 + ⌓
⌓ = 14

1 + 21 = ⬡ + 10
⬡ = 12

5 + ▭ = 14 + 14
▭ = 23

7 + 14 = 13 + ♦
♦ = 8

⬡ + 24 = 21 + 19
⬡ = 16

20 + 21 = 19 + ⊞
⊞ = 22

18 + ♠ = 12 + 9
♠ = 3

19 + 19 = 25 + ⌓
⌓ = 13

23 + 22 = ♠ + 23
♠ = 22

6 + 9 = 6 + ♡
♡ = 9

15 + 18 = 8 + ■
■ = 25

3 + ♦ = 1 + 7
♦ = 5

Equalities (I)

Find the value of each unknown.

$23 + 24 = 22 + \nabla$

$23 + 11 = ◉ + 23$

$7 + 9 = 9 + ⊛$

$13 + \square = 11 + 25$

$✧ + 12 = 11 + 24$

$◉ + 24 = 24 + 21$

$21 + 6 = 23 + ⊙$

$※ + 1 = 1 + 11$

$13 + 3 = ♠ + 1$

$3 + 15 = 15 + ⬡$

$14 + ♦ = 10 + 25$

$22 + 10 = \nabla + 11$

$18 + 20 = 14 + ♠$

$5 + 18 = 19 + \square$

$\Delta + 1 = 1 + 17$

$15 + 20 = 10 + ■$

$11 + 25 = 11 + ⧖$

$25 + ◊ = 25 + 19$

$1 + 5 = 1 + ⊙$

$14 + 16 = 17 + \Delta$

Equalities (I) Answers

Find the value of each unknown.

$23 + 24 = 22 + \nabla$
$\nabla = 25$

$23 + 11 = ◉ + 23$
$◉ = 11$

$7 + 9 = 9 + ⊛$
$⊛ = 7$

$13 + \square = 11 + 25$
$\square = 23$

$✧ + 12 = 11 + 24$
$✧ = 23$

$◉ + 24 = 24 + 21$
$◉ = 21$

$21 + 6 = 23 + ⊙$
$⊙ = 4$

$※ + 1 = 1 + 11$
$※ = 11$

$13 + 3 = ♠ + 1$
$♠ = 15$

$3 + 15 = 15 + ⬡$
$⬡ = 3$

$14 + ♦ = 10 + 25$
$♦ = 21$

$22 + 10 = \nabla + 11$
$\nabla = 21$

$18 + 20 = 14 + ♠$
$♠ = 24$

$5 + 18 = 19 + \square$
$\square = 4$

$\Delta + 1 = 1 + 17$
$\Delta = 17$

$15 + 20 = 10 + ■$
$■ = 25$

$11 + 25 = 11 + ⧖$
$⧖ = 25$

$25 + ◊ = 25 + 19$
$◊ = 19$

$1 + 5 = 1 + ⊙$
$⊙ = 5$

$14 + 16 = 17 + \Delta$
$\Delta = 13$

Equalities (J)

Find the value of each unknown.

$1 + 23 = 14 + \square$

$24 + \Delta = 23 + 20$

$19 + 17 = 14 + \square$

$23 + 8 = \Delta + 9$

$7 + 4 = 9 + \square$

$\nabla + 7 = 5 + 6$

$\divideontimes + 25 = 23 + 13$

$17 + 13 = \odot + 13$

$15 + 9 = 18 + \circledcirc$

$18 + \nabla = 18 + 2$

$23 + 19 = \divideontimes + 24$

$\circledast + 15 = 18 + 18$

$3 + 22 = \heartsuit + 18$

$22 + 21 = 21 + \hexagon$

$24 + 13 = 20 + \square$

$10 + \hexagon = 24 + 5$

$\Delta + 7 = 11 + 19$

$23 + \boxtimes = 22 + 18$

$10 + 14 = \blacksquare + 9$

$\blacksquare + 19 = 15 + 16$

Equalities (J) Answers

Find the value of each unknown.

$1 + 23 = 14 + \square$
$\square = 10$

$24 + \Delta = 23 + 20$
$\Delta = 19$

$19 + 17 = 14 + \square$
$\square = 22$

$23 + 8 = \Delta + 9$
$\Delta = 22$

$7 + 4 = 9 + \square$
$\square = 2$

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

$\divideontimes + 25 = 23 + 13$
$\divideontimes = 11$

$17 + 13 = \odot + 13$
$\odot = 17$

$15 + 9 = 18 + \circledcirc$
$\circledcirc = 6$

$18 + \nabla = 18 + 2$
$\nabla = 2$

$23 + 19 = \divideontimes + 24$
$\divideontimes = 18$

$\circledstar + 15 = 18 + 18$
$\circledstar = 21$

$3 + 22 = \heartsuit + 18$
$\heartsuit = 7$

$22 + 21 = 21 + \hexagon$
$\hexagon = 22$

$24 + 13 = 20 + \square$
$\square = 17$

$10 + \hexagon = 24 + 5$
$\hexagon = 19$

$\Delta + 7 = 11 + 19$
$\Delta = 23$

$23 + \boxtimes = 22 + 18$
$\boxtimes = 17$

$10 + 14 = \blacksquare + 9$
$\blacksquare = 15$

$\blacksquare + 19 = 15 + 16$
$\blacksquare = 12$