

Igualdades (A)

Halle los valores de cada incógnita.

$$12 + 10 = \odot + 12$$

$$6 + 11 = \nabla + 5$$

$$1 + \diamond = 1 + 1$$

$$\triangle + 2 = 2 + 9$$

$$\odot + 5 = 8 + 3$$

$$11 + 3 = \square + 10$$

$$4 + 2 = 5 + \heartsuit$$

$$12 + \diamond = 10 + 4$$

$$11 + \triangle + 8 = 12 + 8$$

$$\odot + 2 = 2 + 3$$

$$6 + 11 = \square + 12$$

$$9 + 8 = \odot + 6$$

$$\times + 1 = 1 + 1$$

$$\ast + 6 = 2 + 6$$

$$\blacksquare + 9 = 6 + 12$$

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

$$5 + 7 = 6 + \diamond$$

$$1 + \diamond = 5 + 1$$

$$2 + 1 = \diamond + 2$$

$$2 + \square = 11 + 1$$

Igualdades (A) Respuestas

Halle los valores de cada incógnita.

$$12 + 10 = \odot + 12$$

$$\odot = 10$$

$$6 + 11 = \nabla + 5$$

$$\nabla = 12$$

$$1 + \diamond = 1 + 1$$

$$\diamond = 1$$

$$\square + 2 = 2 + 9$$

$$\square = 9$$

$$\odot + 5 = 8 + 3$$

$$\odot = 6$$

$$11 + 3 = \square + 10$$

$$\square = 4$$

$$4 + 2 = 5 + \heartsuit$$

$$\heartsuit = 1$$

$$12 + \diamond = 10 + 4$$

$$\diamond = 2$$

$$11 + \square = 12 + 8$$

$$\square = 9$$

$$\odot + 2 = 2 + 3$$

$$\odot = 3$$

$$6 + 11 = \square + 12$$

$$\square = 5$$

$$9 + 8 = \odot + 6$$

$$\odot = 11$$

$$\times + 1 = 1 + 1$$

$$\times = 1$$

$$\ast + 6 = 2 + 6$$

$$\ast = 2$$

$$\blacksquare + 9 = 6 + 12$$

$$\blacksquare = 9$$

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

$$\diamond = 5$$

$$5 + 7 = 6 + \diamond$$

$$\diamond = 6$$

$$1 + \diamond = 5 + 1$$

$$\diamond = 5$$

$$2 + 1 = \diamond + 2$$

$$\diamond = 1$$

$$2 + \square = 11 + 1$$

$$\square = 10$$

Igualdades (B)

Halle los valores de cada incógnita.

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

$$8 + 6 = 9 + \square$$

$$\blacklozenge + 5 = 8 + 1$$

$$8 + 4 = 2 + \blacksquare$$

$$9 + 5 = 10 + \heartsuit$$

$$10 + 7 = \boxplus + 10$$

$$\square + 12 = 11 + 5$$

$$\frown + 3 = 6 + 2$$

$$2 + 11 = * + 1$$

$$\square + 12 = 11 + 9$$

$$12 + 2 = 2 + \odot$$

$$11 + 8 = 8 + \times$$

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

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

$$2 + 3 = \Delta + 1$$

$$\square + 3 = 1 + 3$$

$$9 + 4 = 10 + \nabla$$

$$8 + 4 = 9 + \heartsuit$$

$$1 + \odot = 1 + 1$$

$$2 + 5 = \diamond + 3$$

Igualdades (B) Respuestas

Halle los valores de cada incógnita.

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

$$\square = 7$$

$$8 + 6 = 9 + \diamond$$

$$\diamond = 5$$

$$\blacklozenge + 5 = 8 + 1$$

$$\blacklozenge = 4$$

$$8 + 4 = 2 + \blacksquare$$

$$\blacksquare = 10$$

$$9 + 5 = 10 + \heartsuit$$

$$\heartsuit = 4$$

$$10 + 7 = \boxplus + 10$$

$$\boxplus = 7$$

$$\square + 12 = 11 + 5$$

$$\square = 4$$

$$\triangle + 3 = 6 + 2$$

$$\triangle = 5$$

$$2 + 11 = * + 1$$

$$* = 12$$

$$\diamond + 12 = 11 + 9$$

$$\diamond = 8$$

$$12 + 2 = 2 + \odot$$

$$\odot = 12$$

$$11 + 8 = 8 + \times$$

$$\times = 11$$

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

$$\square = 5$$

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

$$\square = 3$$

$$2 + 3 = \Delta + 1$$

$$\Delta = 4$$

$$\square + 3 = 1 + 3$$

$$\square = 1$$

$$9 + 4 = 10 + \nabla$$

$$\nabla = 3$$

$$8 + 4 = 9 + \heartsuit$$

$$\heartsuit = 3$$

$$1 + \odot = 1 + 1$$

$$\odot = 1$$

$$2 + 5 = \diamond + 3$$

$$\diamond = 4$$

Igualdades (C)

Halle los valores de cada incógnita.

$$9 + 2 = 10 + \square$$

$$5 + 7 = 2 + \diamond$$

$$1 + 12 = \star + 9$$

$$7 + 7 = \square + 12$$

$$4 + 12 = 6 + \square$$

$$12 + 1 = \square + 8$$

$$1 + 7 = \heartsuit + 3$$

$$12 + \nabla = 10 + 7$$

$$3 + 6 = \ast + 2$$

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

$$12 + 4 = \diamondsuit + 11$$

$$\blacklozenge + 9 = 10 + 9$$

$$\square + 12 = 11 + 8$$

$$\square + 8 = 7 + 2$$

$$12 + 10 = \ast + 10$$

$$12 + \square = 8 + 12$$

$$5 + 9 = \star + 9$$

$$10 + \nabla = 7 + 12$$

$$\odot + 3 = 5 + 5$$

$$6 + 1 = \Delta + 6$$

Igualdades (C) Respuestas

Halle los valores de cada incógnita.

$$9 + 2 = 10 + \square$$

$$\square = 1$$

$$5 + 7 = 2 + \diamond$$

$$\diamond = 10$$

$$1 + 12 = \star + 9$$

$$\star = 4$$

$$7 + 7 = \square + 12$$

$$\square = 2$$

$$4 + 12 = 6 + \square$$

$$\square = 10$$

$$12 + 1 = \square + 8$$

$$\square = 5$$

$$1 + 7 = \heartsuit + 3$$

$$\heartsuit = 5$$

$$12 + \nabla = 10 + 7$$

$$\nabla = 5$$

$$3 + 6 = \ast + 2$$

$$\ast = 7$$

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

$$\Delta = 2$$

$$12 + 4 = \diamondsuit + 11$$

$$\diamondsuit = 5$$

$$\blacklozenge + 9 = 10 + 9$$

$$\blacklozenge = 10$$

$$\square + 12 = 11 + 8$$

$$\square = 7$$

$$\square + 8 = 7 + 2$$

$$\square = 1$$

$$12 + 10 = \ast + 10$$

$$\ast = 12$$

$$12 + \square = 8 + 12$$

$$\square = 8$$

$$5 + 9 = \star + 9$$

$$\star = 5$$

$$10 + \nabla = 7 + 12$$

$$\nabla = 9$$

$$\odot + 3 = 5 + 5$$

$$\odot = 7$$

$$6 + 1 = \Delta + 6$$

$$\Delta = 1$$

Igualdades (D)

Halle los valores de cada incógnita.

$$2 + 1 = \blacksquare + 2$$

$$\blacksquare + 4 = 1 + 4$$

$$10 + 4 = 7 + \heartsuit$$

$$\blacklozenge + 7 = 9 + 5$$

$$2 + 1 = 2 + \odot$$

$$12 + \blacklozenge = 12 + 9$$

$$1 + \boxplus = 9 + 2$$

$$6 + 4 = \nabla + 3$$

$$10 + \odot = 12 + 9$$

$$\boxplus + 6 = 8 + 8$$

$$7 + 9 = \diamond + 6$$

$$3 + \spadesuit = 2 + 6$$

$$1 + \blacksquare = 7 + 5$$

$$5 + \times = 1 + 5$$

$$10 + \spadesuit = 7 + 7$$

$$4 + \boxplus = 5 + 7$$

$$\cup + 12 = 11 + 5$$

$$7 + 7 = \square + 9$$

$$10 + 3 = 9 + \times$$

$$\blacksquare + 4 = 11 + 5$$

Igualdades (D) Respuestas

Halle los valores de cada incógnita.

$$2 + 1 = \blacksquare + 2$$

$$\blacksquare = 1$$

$$\blacksquare + 4 = 1 + 4$$

$$\blacksquare = 1$$

$$10 + 4 = 7 + \heartsuit$$

$$\heartsuit = 7$$

$$\blacklozenge + 7 = 9 + 5$$

$$\blacklozenge = 7$$

$$2 + 1 = 2 + \odot$$

$$\odot = 1$$

$$12 + \blacklozenge = 12 + 9$$

$$\blacklozenge = 9$$

$$1 + \boxplus = 9 + 2$$

$$\boxplus = 10$$

$$6 + 4 = \nabla + 3$$

$$\nabla = 7$$

$$10 + \odot = 12 + 9$$

$$\odot = 11$$

$$\boxplus + 6 = 8 + 8$$

$$\boxplus = 10$$

$$7 + 9 = \diamond + 6$$

$$\diamond = 10$$

$$3 + \spadesuit = 2 + 6$$

$$\spadesuit = 5$$

$$1 + \blacksquare = 7 + 5$$

$$\blacksquare = 11$$

$$5 + \boxtimes = 1 + 5$$

$$\boxtimes = 1$$

$$10 + \spadesuit = 7 + 7$$

$$\spadesuit = 4$$

$$4 + \boxplus = 5 + 7$$

$$\boxplus = 8$$

$$\cup + 12 = 11 + 5$$

$$\cup = 4$$

$$7 + 7 = \square + 9$$

$$\square = 5$$

$$10 + 3 = 9 + \boxtimes$$

$$\boxtimes = 4$$

$$\blacksquare + 4 = 11 + 5$$

$$\blacksquare = 12$$

Igualdades (E)

Halle los valores de cada incógnita.

$$11 + \square = 11 + 9$$

$$9 + 5 = 3 + \square$$

$$3 + 6 = \star + 1$$

$$5 + \blacksquare = 5 + 1$$

$$11 + \ast = 12 + 8$$

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

$$12 + \diamond = 12 + 11$$

$$3 + 9 = \spadesuit + 2$$

$$11 + \diamond = 12 + 11$$

$$11 + 10 = 11 + \square$$

$$7 + 10 = 10 + \times$$

$$3 + 2 = \diamond + 4$$

$$2 + 3 = 4 + \blacksquare$$

$$7 + 10 = \blacklozenge + 10$$

$$\times + 2 = 3 + 3$$

$$\nabla + 2 = 1 + 8$$

$$7 + 11 = 9 + \star$$

$$7 + 3 = 4 + \nabla$$

$$12 + \diamond = 11 + 10$$

$$11 + 6 = \blacklozenge + 10$$

Igualdades (E) Respuestas

Halle los valores de cada incógnita.

$$11 + \square = 11 + 9$$

$$\square = 9$$

$$9 + 5 = 3 + \square$$

$$\square = 11$$

$$3 + 6 = \star + 1$$

$$\star = 8$$

$$5 + \blacksquare = 5 + 1$$

$$\blacksquare = 1$$

$$11 + \ast = 12 + 8$$

$$\ast = 9$$

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

$$\square = 3$$

$$12 + \diamond = 12 + 11$$

$$\diamond = 11$$

$$3 + 9 = \spadesuit + 2$$

$$\spadesuit = 10$$

$$11 + \diamond = 12 + 11$$

$$\diamond = 12$$

$$11 + 10 = 11 + \square$$

$$\square = 10$$

$$7 + 10 = 10 + \times$$

$$\times = 7$$

$$3 + 2 = \diamond + 4$$

$$\diamond = 1$$

$$2 + 3 = 4 + \blacksquare$$

$$\blacksquare = 1$$

$$7 + 10 = \blacklozenge + 10$$

$$\blacklozenge = 7$$

$$\times + 2 = 3 + 3$$

$$\times = 4$$

$$\nabla + 2 = 1 + 8$$

$$\nabla = 7$$

$$7 + 11 = 9 + \star$$

$$\star = 9$$

$$7 + 3 = 4 + \nabla$$

$$\nabla = 6$$

$$12 + \diamond = 11 + 10$$

$$\diamond = 9$$

$$11 + 6 = \blacklozenge + 10$$

$$\blacklozenge = 7$$

Igualdades (F)

Halle los valores de cada incógnita.

$$2 + 3 = \diamond + 3$$

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

$$11 + 12 = \square + 12$$

$$10 + 3 = 6 + \Delta$$

$$11 + 9 = 8 + \nabla$$

$$5 + 5 = \Delta + 7$$

$$10 + 10 = \spadesuit + 12$$

$$\diamondsuit + 6 = 2 + 12$$

$$3 + 12 = * + 3$$

$$7 + 4 = \times + 5$$

$$8 + 3 = 9 + \odot$$

$$2 + 6 = \nabla + 4$$

$$9 + \Delta = 11 + 1$$

$$8 + 6 = 5 + \blacklozenge$$

$$6 + \star = 8 + 4$$

$$10 + \diamondsuit = 9 + 10$$

$$3 + 6 = 7 + \star$$

$$2 + \times = 1 + 9$$

$$5 + 10 = 8 + \blacklozenge$$

$$\heartsuit + 7 = 4 + 12$$

Igualdades (F) Respuestas

Halle los valores de cada incógnita.

$$2 + 3 = \diamond + 3$$

$$\diamond = 2$$

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

$$\diamond = 3$$

$$11 + 12 = \square + 12$$

$$\square = 11$$

$$10 + 3 = 6 + \Delta$$

$$\Delta = 7$$

$$11 + 9 = 8 + \nabla$$

$$\nabla = 12$$

$$5 + 5 = \Delta + 7$$

$$\Delta = 3$$

$$10 + 10 = \spadesuit + 12$$

$$\spadesuit = 8$$

$$\diamondsuit + 6 = 2 + 12$$

$$\diamondsuit = 8$$

$$3 + 12 = * + 3$$

$$* = 12$$

$$7 + 4 = \times + 5$$

$$\times = 6$$

$$8 + 3 = 9 + \odot$$

$$\odot = 2$$

$$2 + 6 = \nabla + 4$$

$$\nabla = 4$$

$$9 + \Delta = 11 + 1$$

$$\Delta = 3$$

$$8 + 6 = 5 + \blacklozenge$$

$$\blacklozenge = 9$$

$$6 + \star = 8 + 4$$

$$\star = 6$$

$$10 + \diamondsuit = 9 + 10$$

$$\diamondsuit = 9$$

$$3 + 6 = 7 + \star$$

$$\star = 2$$

$$2 + \times = 1 + 9$$

$$\times = 8$$

$$5 + 10 = 8 + \blacklozenge$$

$$\blacklozenge = 7$$

$$\heartsuit + 7 = 4 + 12$$

$$\heartsuit = 9$$

Igualdades (G)

Halle los valores de cada incógnita.

$$5 + 6 = \diamond + 1$$

$$1 + 7 = \blacksquare + 7$$

$$12 + 7 = 10 + \ast$$

$$\spadesuit + 9 = 12 + 1$$

$$2 + 5 = 1 + \times$$

$$11 + 11 = \odot + 11$$

$$12 + 3 = \times + 9$$

$$\nabla + 9 = 9 + 5$$

$$7 + 11 = \square + 6$$

$$6 + 8 = \odot + 5$$

$$10 + \odot = 5 + 10$$

$$6 + \blacklozenge = 11 + 2$$

$$12 + 5 = 8 + \square$$

$$\ast + 4 = 4 + 1$$

$$6 + \nabla = 6 + 9$$

$$4 + \nabla = 10 + 5$$

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

$$\diamond + 5 = 6 + 11$$

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

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

Igualdades (G) Respuestas

Halle los valores de cada incógnita.

$$5 + 6 = \diamond + 1$$

$$\diamond = 10$$

$$1 + 7 = \blacksquare + 7$$

$$\blacksquare = 1$$

$$12 + 7 = 10 + *$$

$$* = 9$$

$$\spadesuit + 9 = 12 + 1$$

$$\spadesuit = 4$$

$$2 + 5 = 1 + \times$$

$$\times = 6$$

$$11 + 11 = \odot + 11$$

$$\odot = 11$$

$$12 + 3 = \times + 9$$

$$\times = 6$$

$$\nabla + 9 = 9 + 5$$

$$\nabla = 5$$

$$7 + 11 = \square + 6$$

$$\square = 12$$

$$6 + 8 = \odot + 5$$

$$\odot = 9$$

$$10 + \odot = 5 + 10$$

$$\odot = 5$$

$$6 + \blacklozenge = 11 + 2$$

$$\blacklozenge = 7$$

$$12 + 5 = 8 + \square$$

$$\square = 9$$

$$* + 4 = 4 + 1$$

$$* = 1$$

$$6 + \nabla = 6 + 9$$

$$\nabla = 9$$

$$4 + \nabla = 10 + 5$$

$$\nabla = 11$$

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

$$\square = 9$$

$$\diamond + 5 = 6 + 11$$

$$\diamond = 12$$

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

$$\square = 4$$

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

$$\Delta = 2$$

Igualdades (H)

Halle los valores de cada incógnita.

$$10 + 5 = \odot + 5$$

$$3 + \blacklozenge = 8 + 5$$

$$6 + \triangle = 5 + 12$$

$$8 + 9 = 5 + \blacklozenge$$

$$1 + 3 = 1 + \Delta$$

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

$$1 + 9 = \boxplus + 4$$

$$2 + 7 = 5 + \boxplus$$

$$8 + 8 = \square + 12$$

$$3 + 7 = 9 + \odot$$

$$\spadesuit + 7 = 5 + 7$$

$$11 + * = 10 + 7$$

$$12 + 5 = 10 + \odot$$

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

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

$$1 + 12 = 11 + *$$

$$5 + 1 = \times + 5$$

$$7 + 11 = \diamond + 8$$

$$11 + 7 = \square + 7$$

$$12 + 11 = \star + 11$$

Igualdades (H) Respuestas

Halle los valores de cada incógnita.

$$10 + 5 = \odot + 5$$

$$\odot = 10$$

$$3 + \blacklozenge = 8 + 5$$

$$\blacklozenge = 10$$

$$6 + \triangle = 5 + 12$$

$$\triangle = 11$$

$$8 + 9 = 5 + \diamond$$

$$\diamond = 12$$

$$1 + 3 = 1 + \Delta$$

$$\Delta = 3$$

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

$$\square = 3$$

$$1 + 9 = \boxplus + 4$$

$$\boxplus = 6$$

$$2 + 7 = 5 + \boxplus$$

$$\boxplus = 4$$

$$8 + 8 = \square + 12$$

$$\square = 4$$

$$3 + 7 = 9 + \odot$$

$$\odot = 1$$

$$\spadesuit + 7 = 5 + 7$$

$$\spadesuit = 5$$

$$11 + * = 10 + 7$$

$$* = 6$$

$$12 + 5 = 10 + \odot$$

$$\odot = 7$$

$$\boxplus + 7 = 8 + 6$$

$$\boxplus = 7$$

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

$$\odot = 9$$

$$1 + 12 = 11 + *$$

$$* = 2$$

$$5 + 1 = \times + 5$$

$$\times = 1$$

$$7 + 11 = \diamond + 8$$

$$\diamond = 10$$

$$11 + 7 = \square + 7$$

$$\square = 11$$

$$12 + 11 = \star + 11$$

$$\star = 12$$

Igualdades (I)

Halle los valores de cada incógnita.

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

$$\Delta + 5 = 11 + 5$$

$$7 + 6 = 10 + \triangle$$

$$12 + 10 = \square + 12$$

$$9 + 7 = \square + 5$$

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

$$6 + \nabla = 6 + 12$$

$$12 + \square = 12 + 11$$

$$4 + 8 = 6 + \boxplus$$

$$6 + * = 10 + 8$$

$$7 + 6 = \square + 1$$

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

$$12 + 7 = * + 10$$

$$6 + \odot = 4 + 3$$

$$8 + \heartsuit = 4 + 10$$

$$6 + \odot = 10 + 2$$

$$\blacklozenge + 2 = 6 + 8$$

$$9 + \triangleup = 8 + 9$$

$$9 + 11 = \triangle + 11$$

$$12 + \odot = 11 + 4$$

Igualdades (I) Respuestas

Halle los valores de cada incógnita.

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

$$\nabla = 4$$

$$\Delta + 5 = 11 + 5$$

$$\Delta = 11$$

$$7 + 6 = 10 + \triangle$$

$$\triangle = 3$$

$$12 + 10 = \square + 12$$

$$\square = 10$$

$$9 + 7 = \square + 5$$

$$\square = 11$$

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

$$\nabla = 8$$

$$6 + \nabla = 6 + 12$$

$$\nabla = 12$$

$$12 + \square = 12 + 11$$

$$\square = 11$$

$$4 + 8 = 6 + \boxplus$$

$$\boxplus = 6$$

$$6 + * = 10 + 8$$

$$* = 12$$

$$7 + 6 = \square + 1$$

$$\square = 12$$

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

$$\square = 10$$

$$12 + 7 = * + 10$$

$$* = 9$$

$$6 + \odot = 4 + 3$$

$$\odot = 1$$

$$8 + \heartsuit = 4 + 10$$

$$\heartsuit = 6$$

$$6 + \odot = 10 + 2$$

$$\odot = 6$$

$$\blacklozenge + 2 = 6 + 8$$

$$\blacklozenge = 12$$

$$9 + \triangleup = 8 + 9$$

$$\triangleup = 8$$

$$9 + 11 = \triangle + 11$$

$$\triangle = 9$$

$$12 + \odot = 11 + 4$$

$$\odot = 3$$

Igualdades (J)

Halle los valores de cada incógnita.

$$\spadesuit + 9 = 5 + 7$$

$$8 + 3 = \square + 10$$

$$\square + 7 = 5 + 9$$

$$\times + 5 = 9 + 6$$

$$7 + 1 = \blacklozenge + 3$$

$$\square + 6 = 4 + 11$$

$$\odot + 10 = 8 + 12$$

$$4 + 10 = 2 + \square$$

$$8 + 8 = \nabla + 5$$

$$12 + 4 = 12 + \ast$$

$$4 + \square = 1 + 4$$

$$\ast + 6 = 6 + 2$$

$$2 + \diamond = 3 + 9$$

$$6 + 9 = 6 + \diamond$$

$$6 + 8 = 4 + \odot$$

$$8 + 1 = \heartsuit + 3$$

$$4 + 8 = 10 + \ast$$

$$12 + 7 = \times + 12$$

$$7 + \square = 2 + 8$$

$$12 + 4 = 12 + \spadesuit$$

Igualdades (J) Respuestas

Halle los valores de cada incógnita.

$$\spadesuit + 9 = 5 + 7$$

$$\spadesuit = 3$$

$$8 + 3 = \square + 10$$

$$\square = 1$$

$$\square + 7 = 5 + 9$$

$$\square = 7$$

$$\times + 5 = 9 + 6$$

$$\times = 10$$

$$7 + 1 = \blacklozenge + 3$$

$$\blacklozenge = 5$$

$$\square + 6 = 4 + 11$$

$$\square = 9$$

$$\odot + 10 = 8 + 12$$

$$\odot = 10$$

$$4 + 10 = 2 + \square$$

$$\square = 12$$

$$8 + 8 = \nabla + 5$$

$$\nabla = 11$$

$$12 + 4 = 12 + \ast$$

$$\ast = 4$$

$$4 + \square = 1 + 4$$

$$\square = 1$$

$$\ast + 6 = 6 + 2$$

$$\ast = 2$$

$$2 + \diamond = 3 + 9$$

$$\diamond = 10$$

$$6 + 9 = 6 + \diamond$$

$$\diamond = 9$$

$$6 + 8 = 4 + \odot$$

$$\odot = 10$$

$$8 + 1 = \heartsuit + 3$$

$$\heartsuit = 6$$

$$4 + 8 = 10 + \ast$$

$$\ast = 2$$

$$12 + 7 = \times + 12$$

$$\times = 7$$

$$7 + \square = 2 + 8$$

$$\square = 3$$

$$12 + 4 = 12 + \spadesuit$$

$$\spadesuit = 4$$