Equalities (A)

Find the value of each unknown.

$2 + \diamondsuit = 2 + 1$

$\circledcirc + 9 = 6 + 10$

$7 + \pentagon = 9 + 2$

$4 + \boxtimes = 8 + 2$

$3 + 3 = 5 + \divideontimes$

$4 + 2 = \lozenge + 2$

$\boxplus + 9 = 6 + 5$

$8 + 9 = 8 + \Delta$

$\boxplus + 4 = 4 + 8$

$4 + \boxplus = 11 + 4$

$4 + 3 = 3 + \blacksquare$

$12 + 3 = \boxplus + 9$

$\hexagon + 12 = 1 + 12$

$12 + 2 = \circledcirc + 4$

$\diamondsuit + 2 = 7 + 1$

$2 + 7 = \frown + 2$

$\odot + 10 = 11 + 2$

$9 + 2 = 10 + \diamondsuit$

$11 + 6 = \boxplus + 12$

$5 + 2 = \pentagon + 3$

Equalities (B)

Find the value of each unknown.

$10 + \blacksquare = 9 + 2$

$3 + \square = 10 + 2$

$5 + \Delta = 7 + 2$

$6 + \pentagon = 2 + 8$

$12 + 11 = 11 + \lozenge$

$9 + 9 = \diamondsuit + 8$

$\hexagon + 9 = 8 + 2$

$10 + 3 = \nabla + 11$

$4 + 12 = 10 + \blacklozenge$

$9 + 7 = \divideontimes + 10$

$\divideontimes + 2 = 3 + 1$

$3 + 3 = 3 + \lozenge$

$1 + 9 = \pentagon + 5$

$4 + \circledstar = 4 + 12$

$3 + 12 = \square + 9$

$12 + 7 = 7 + \nabla$

$\diamondsuit + 6 = 4 + 12$

$\spadesuit + 8 = 10 + 6$

$1 + 11 = \square + 3$

$\boxplus + 12 = 12 + 3$