Equalities (G)

Find the value of each unknown.

$4 + \boxplus = 3 + 12$

$1 + \circledast = 4 + 8$

$12 + 1 = 10 + \frown$

$12 + \nabla = 8 + 9$

$12 + 9 = \Diamond + 12$

$9 + 12 = \heartsuit + 12$

$1 + 10 = 5 + \square$

$8 + 10 = \Delta + 12$

$5 + \frown = 3 + 7$

$2 + \odot = 3 + 8$

$\pentagon + 1 = 1 + 10$

$10 + 12 = \boxplus + 12$

$5 + \frown = 2 + 6$

$4 + 11 = \circledast + 4$

$8 + \nabla = 8 + 10$

$11 + \nabla = 10 + 12$

$3 + 6 = \diamond + 5$

$\boxplus + 2 = 8 + 6$

$\heartsuit + 3 = 7 + 1$

$7 + 10 = \boxtimes + 7$

Equalities (H)

Find the value of each unknown.

$10 + \blacklozenge = 9 + 10$

$\pentagon + 9 = 12 + 4$

$\pentagon + 5 = 7 + 4$

$11 + 12 = \boxtimes + 12$

$\boxtimes + 1 = 1 + 6$

$\spadesuit + 10 = 5 + 6$

$1 + 3 = \boxtimes + 2$

$10 + \circledast = 7 + 12$

$9 + 11 = 12 + \boxplus$

$6 + \square = 8 + 8$

$4 + \lozenge = 1 + 7$

$1 + 10 = \boxplus + 5$

$4 + \lozenge = 6 + 6$

$4 + 12 = 12 + \hexagon$

$\blacklozenge + 1 = 6 + 1$

$\odot + 6 = 5 + 4$

$12 + 4 = \cap + 7$

$7 + \hexagon = 11 + 5$

$3 + 4 = \divideontimes + 5$

$6 + \nabla = 5 + 8$