Shape Algebra 3 Variables

Find the values of the shapes. The values are whole numbers.

⬡ + △ = 6   ⬡ = ▢

☆ / △ = 1   ☆ = ▢

☆ + △ = 4   △ = ▢

⬡ / ◯ = 3   ⬡ = ▢

⬡ - ◯ = 10   ◯ = ▢

⬡ • □ = 30   □ = ▢

⬠ • △ = 24   ⬠ = ▢

△ + ★ = 12   ★ = ▢

⬠ - △ = 5   △ = ▢

⬡ / ◯ = 2   ⬡ = ▢

◯ • ⬡ = 18   ◯ = ▢

◯ • ■ = ⬡ + ⬡   ■ = ▢

◯ • ◯ + ⬡ = □   ◯ = ▢

◯ + ⬡ = 6   ⬡ = ▢

□ / ⬡ = 2   □ = ▢

Answers

Find the values of the shapes. The values are whole numbers.

⬡ + △ = 6   ⬡ = 4

☆ / △ = 1   ☆ = 2

☆ + △ = 4   △ = 2

⬡ / ◯ = 3   ⬡ = 15

⬡ − ◯ = 10   ◯ = 5

⬡ • □ = 30   □ = 2

⬠ • △ = 24   ⬠ = 8

△ + ★ = 12   ★ = 9

⬠ − △ = 5   △ = 3

⬡ / ◯ = 2   ⬡ = 6

◯ • ⬡ = 18   ◯ = 3

◯ • □ = ⬡ + ⬡   □ = 4

◯ • ◯ + ⬡ = □   ◯ = 2

◯ + ⬡ = 6   ⬡ = 4

□ / ⬡ = 2   □ = 8