Shape Algebra 3 Variables

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

⬡ / ◯ = 2   ⬡ = ☐

◯ • ⬡ = 50   ◯ = ☐

◯ + ▣ = ⬡   ▣ = ☐

- -

⬠ • △ = 10   ⬠ = ☐

☆ + ⬠ = 8   ☆ = ☐

⬠ - ☆ = △   △ = ☐

- -

◯ + ◯ - ⬡ = ☐   ◯ = ☐

◯ • ⬡ = 40   ⬡ = ☐

⬡ / ☐ = 4   ☐ = ☐

- -

◯ / ☐ = 4   ⬡ = ☐

◯ - ⬡ = 6   ◯ = ☐

⬡ • ☐ = 18   ☐ = ☐

- -

⬠ • △ = ☆ + ☆   ⬠ = ☐

△ + ☆ = 20   ☆ = ☐

⬠ - △ = 4   △ = ☐

Answers

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

⬡ / ⚪ = 2   ⬡ = 10

⚪ • ⬡ = 50   ⚪ = 5

⚪ + 🟥 = ⬡   🟥 = 5

⬠ • △ = 10   ⬠ = 5

☆ + ⬠ = 8   ☆ = 3

⬠ − ☆ = △   △ = 2

⚪ + ⚪ − ⬡ = □   ⚪ = 5

⚪ • ⬡ = 40   ⬡ = 8

⬡ / □ = 4   □ = 2

⚪ / □ = 4   ⬡ = 6

⚪ − ⬡ = 6   ⚪ = 12

⬡ • □ = 18   □ = 3

⬠ • △ = ★ + ★   ⬠ = 8

△ + ★ = 20   ★ = 16

⬠ − △ = 4   △ = 4