Shape Algebra 4 Variables

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

🟡 / △ • △ = 5   🟡 = ⬭

🟡 + ◇ + ⬡ = 30   ⬡ = ⬭

◇ / △ = 5   △ = ⬭

⬡ • △ = ◇   ◇ = ⬭

- -

⬡ • ▲ = ◯   ⬡ = ⬭

▲ + ⬡ + ⬡ = ◯   ◯ = ⬭

◯ - ◻ = 4   ▲ = ⬭

◯ / ▲ - ⬡ = 0   ◻ = ⬭

- -

⬡ + ▲ = ◻   ⬡ = ⬭

⬡ + ▲ + ⬡ = 14   ★ = ⬭

◻ / ★ = 5   ▲ = ⬭

◻ - ★ - ★ = 6   ◻ = ⬭

- -

◯ • ⬡ • ⬡ = ◻   ◯ = ⬭

◯ + ◻ + ⬡ = 17   ⬡ = ⬭

◻ / ◯ = ⬡ • ⬡   △ = ⬭

△ - ⬡ = ◯   ◻ = ⬭

Answers

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

○ / △ • △ = 5   ○ = 5

○ + ◇ + ⬡ = 30   ⬡ = 5

◇ / △ = 5   △ = 4

⬡ • △ = ◇   ◇ = 20

⬡ • △ = ◯   ⬡ = 3

△ + ⬡ + ⬡ = ◯   ◯ = 9

◯ - □ = 4   △ = 3

◯ / △ - ⬡ = 0   □ = 5

⬡ + △ = □   ⬡ = 4

⬡ + △ + ⬡ = 14   ★ = 2

□ / ★ = 5   △ = 6

□ - ★ - ★ = 6   □ = 10

◯ • ⬡ • ⬡ = □   ◯ = 3

◯ + □ + ⬡ = 17   ⬡ = 2

□ / ◯ = ⬡ • ⬡   △ = 5

△ - ⬡ = ◯   □ = 12