Shape Algebra 3 Variables

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

⬡ + 🔺 = 7   ⬡ = ⬭

🔺 + 🔺 = 10   ☆ = ⬭

☆ + ⬡ = 3   🔺 = ⬭

⭐ - ▪ = 6   ▪ = ⬭

◯ + ⭐ = 11   ⭐ = ⬭

▪ + ⭐ = 14   ◯ = ⬭

⬠ • △ = 24   ⬠ = ⬭

△ + △ = 16   ☆ = ⬭

⬠ + ☆ = 10   △ = ⬭

⬡ / ◯ = 3   ⬡ = ⬭

◯ • ◯ = 4   ◯ = ⬭

▪ + ⬡ = 10   ▪ = ⬭

⬡ + 🔺 = 6   ⬡ = ⬭

☆ / 🔺 = 1   ☆ = ⬭

☆ + 🔺 = 4   🔺 = ⬭

Answers

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

⬡ + 🔺 = 7   ⬡ = 2

🔺 + 🔺 = 10   ☆ = 1

☆ + ⬡ = 3   🔺 = 5

⭐ - 🟪 = 6   🟪 = 4

⭕ + ⭐ = 11   ⭐ = 10

🟪 + ⭐ = 14   ⭕ = 1

⬠ • △ = 24   ⬠ = 3

△ + △ = 16   ☆ = 7

⬠ + ☆ = 10   △ = 8

⬡ / ⭕ = 3   ⬡ = 6

⭕ • ⭕ = 4   ⭕ = 2

🟪 + ⬡ = 10   🟪 = 4

⬡ + 🔺 = 6   ⬡ = 4

☆ / 🔺 = 1   ☆ = 2

☆ + 🔺 = 4   🔺 = 2