Shape Algebra 3 Variables

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

(orange hexagon) + (circle) = 7   (orange hexagon) = ☐

(circle) + (circle) = 6   (circle) = ☐

(green square) • (orange hexagon) = 20   (green square) = ☐

(triangle) + (gray hexagon) = 4   (gray hexagon) = ☐

(pink star) / (gray hexagon) = 2   (pink star) = ☐

(pink star) + (gray hexagon) = 3   (triangle) = ☐

(pink square) - (green star) = 1   (pink square) = ☐

(green star) + (circle) = 5   (green star) = ☐

(pink square) + (green star) = 11   (circle) = ☐

(triangle) / (orange hexagon) = 3   (orange hexagon) = ☐

(triangle) + (yellow star) = 13   (yellow star) = ☐

(yellow star) + (orange hexagon) = 7   (triangle) = ☐

(orange pentagon) • (blue triangle) = 8   (orange pentagon) = ☐

(blue triangle) + (white star) = 4   (white star) = ☐

(orange pentagon) / (white star) = 2   (blue triangle) = ☐

Answers

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

⬡ + ◯ = 7   ⬡ = 4

◯ + ◯ = 6   ◯ = 3

■ • ⬡ = 20   ■ = 5

△ + ⬡ = 4   ⬡ = 1

★ / ⬡ = 2   ★ = 2

★ + ⬡ = 3   △ = 3

■ − ★ = 1   ■ = 6

★ + ◯ = 5   ★ = 5

■ + ★ = 11   ◯ = 0

△ / ⬠ = 3   ⬠ = 3

△ + ★ = 13   ★ = 4

★ + ⬠ = 7   △ = 9

⬠ • △ = 8   ⬠ = 4

△ + ☆ = 4   ☆ = 2

⬠ / ☆ = 2   △ = 2

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