

Shape Algebra 4 Variables

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

$$\text{Hexagon} + \text{Triangle} = 7$$

$$\text{Hexagon} = \boxed{}$$

$$\text{Triangle} + \text{Hexagon} + \text{Hexagon} = 13$$

$$\text{Star} = \boxed{}$$

$$\text{Star} - \text{Hexagon} = 3$$

$$\text{Triangle} = \boxed{}$$

$$\text{Star} - \square - \square = 5$$

$$\square = \boxed{}$$

$$\text{Pentagon} + \text{Square} + \text{Inverted Triangle} = 9$$

$$\text{Circle} = \boxed{}$$

$$\text{Pentagon} + \text{Square} + \text{Circle} = 7$$

$$\text{Pentagon} = \boxed{}$$

$$\text{Inverted Triangle} + \text{Circle} = 4$$

$$\text{Inverted Triangle} = \boxed{}$$

$$\text{Pentagon} - \text{Square} + \text{Square} = 2$$

$$\text{Square} = \boxed{}$$

$$\text{Star} / \square - \text{Hexagon} = 0$$

$$\text{Hexagon} = \boxed{}$$

$$\text{Triangle} + \square + \text{Hexagon} = 11$$

$$\text{Star} = \boxed{}$$

$$\text{Triangle} + \text{Hexagon} = 9$$

$$\text{Triangle} = \boxed{}$$

$$\text{Star} - \square = 6$$

$$\square = \boxed{}$$

$$\text{Circle} \cdot \square \cdot \text{Circle} = 18$$

$$\text{Hexagon} = \boxed{}$$

$$\text{Triangle} + \square + \text{Hexagon} = 14$$

$$\text{Circle} = \boxed{}$$

$$\text{Triangle} / \text{Hexagon} = 2$$

$$\text{Triangle} = \boxed{}$$

$$\text{Circle} - \square = 1$$

$$\square = \boxed{}$$

Answers

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

$$\text{Hexagon} + \text{Triangle} = 7$$

$$\text{Hexagon} = 6$$

$$\text{Triangle} + \text{Hexagon} + \text{Hexagon} = 13$$

$$\text{Star} = 9$$

$$\text{Star} - \text{Hexagon} = 3$$

$$\text{Triangle} = 1$$

$$\text{Star} - \text{Square} - \text{Square} = 5$$

$$\text{Square} = 2$$

$$\text{Pentagon} + \text{Square} + \text{Inverted Triangle} = 9$$

$$\text{Circle} = 1$$

$$\text{Pentagon} + \text{Square} + \text{Circle} = 7$$

$$\text{Pentagon} = 2$$

$$\text{Inverted Triangle} + \text{Circle} = 4$$

$$\text{Inverted Triangle} = 3$$

$$\text{Pentagon} - \text{Square} + \text{Square} = 2$$

$$\text{Square} = 4$$

$$\text{Star} / \text{Square} - \text{Hexagon} = 0$$

$$\text{Hexagon} = 4$$

$$\text{Triangle} + \text{Square} + \text{Hexagon} = 11$$

$$\text{Star} = 8$$

$$\text{Triangle} + \text{Hexagon} = 9$$

$$\text{Triangle} = 5$$

$$\text{Star} - \text{Square} = 6$$

$$\text{Square} = 2$$

$$\text{Circle} \cdot \text{Square} \cdot \text{Circle} = 18$$

$$\text{Hexagon} = 4$$

$$\text{Triangle} + \text{Square} + \text{Hexagon} = 14$$

$$\text{Circle} = 3$$

$$\text{Triangle} / \text{Hexagon} = 2$$

$$\text{Triangle} = 8$$

$$\text{Circle} - \text{Square} = 1$$

$$\text{Square} = 2$$