

Shape Algebra 3 Variables

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

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

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

$$\text{Blue Triangle} + \text{Blue Triangle} = 10$$

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

$$\text{White Star} + \text{Yellow Hexagon} = 3$$

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

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

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

$$\text{White Circle} + \text{Green Star} = 11$$

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

$$\text{Pink Square} + \text{Green Star} = 14$$

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

$$\text{Orange Pentagon} \cdot \text{White Triangle} = 24$$

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

$$\text{White Triangle} + \text{White Triangle} = 16$$

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

$$\text{Orange Pentagon} + \text{White Star} = 10$$

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

$$\text{Grey Hexagon} / \text{White Circle} = 3$$

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

$$\text{White Circle} \cdot \text{White Circle} = 4$$

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

$$\text{Pink Square} + \text{Grey Hexagon} = 10$$

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

$$\text{Orange Hexagon} + \text{Yellow Triangle} = 6$$

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

$$\text{White Star} / \text{Yellow Triangle} = 1$$

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

$$\text{White Star} + \text{Yellow Triangle} = 4$$

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

Answers

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

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

$$\text{Yellow Hexagon} = 2$$

$$\text{Blue Triangle} + \text{Blue Triangle} = 10$$

$$\text{White Star} = 1$$

$$\text{White Star} + \text{Yellow Hexagon} = 3$$

$$\text{Blue Triangle} = 5$$

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

$$\text{Pink Square} = 4$$

$$\text{White Circle} + \text{Green Star} = 11$$

$$\text{Green Star} = 10$$

$$\text{Pink Square} + \text{Green Star} = 14$$

$$\text{White Circle} = 1$$

$$\text{Orange Pentagon} \cdot \text{White Triangle} = 24$$

$$\text{Orange Pentagon} = 3$$

$$\text{White Triangle} + \text{White Triangle} = 16$$

$$\text{White Star} = 7$$

$$\text{Orange Pentagon} + \text{White Star} = 10$$

$$\text{White Triangle} = 8$$

$$\text{Grey Hexagon} / \text{White Circle} = 3$$

$$\text{Grey Hexagon} = 6$$

$$\text{White Circle} \cdot \text{White Circle} = 4$$

$$\text{White Circle} = 2$$

$$\text{Pink Square} + \text{Grey Hexagon} = 10$$

$$\text{Pink Square} = 4$$

$$\text{Orange Hexagon} + \text{Yellow Triangle} = 6$$

$$\text{Orange Hexagon} = 4$$

$$\text{White Star} / \text{Yellow Triangle} = 1$$

$$\text{White Star} = 2$$

$$\text{White Star} + \text{Yellow Triangle} = 4$$

$$\text{Yellow Triangle} = 2$$