

Shape Algebra 3 Variables

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

$$\text{Orange Hexagon} + \text{White Circle} = 7$$

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

$$\text{White Circle} + \text{White Circle} = 6$$

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

$$\text{Green Square} \cdot \text{Orange Hexagon} = 20$$

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

$$\text{White Triangle} + \text{Grey Hexagon} = 4$$

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

$$\text{Pink Star} / \text{Grey Hexagon} = 2$$

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

$$\text{Pink Star} + \text{Grey Hexagon} = 3$$

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

$$\text{Pink Square} - \text{Green Star} = 1$$

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

$$\text{Green Star} + \text{White Circle} = 5$$

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

$$\text{Pink Square} + \text{Green Star} = 11$$

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

$$\text{White Triangle} / \text{Orange Hexagon} = 3$$

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

$$\text{White Triangle} + \text{Yellow Star} = 13$$

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

$$\text{Yellow Star} + \text{Orange Hexagon} = 7$$

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

$$\text{Orange Pentagon} \cdot \text{Blue Triangle} = 8$$

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

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

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

$$\text{Orange Pentagon} / \text{White Star} = 2$$

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

Answers

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

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

$$\text{Hexagon} = 4$$

$$\text{Circle} + \text{Circle} = 6$$

$$\text{Circle} = 3$$

$$\text{Square} \cdot \text{Hexagon} = 20$$

$$\text{Square} = 5$$

$$\text{Triangle} + \text{Hexagon} = 4$$

$$\text{Hexagon} = 1$$

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

$$\text{Star} = 2$$

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

$$\text{Triangle} = 3$$

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

$$\text{Square} = 6$$

$$\text{Star} + \text{Circle} = 5$$

$$\text{Star} = 5$$

$$\text{Square} + \text{Star} = 11$$

$$\text{Circle} = 0$$

$$\text{Triangle} / \text{Hexagon} = 3$$

$$\text{Hexagon} = 3$$

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

$$\text{Star} = 4$$

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

$$\text{Triangle} = 9$$

$$\text{Pentagon} \cdot \text{Triangle} = 8$$

$$\text{Pentagon} = 4$$

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

$$\text{Star} = 2$$

$$\text{Pentagon} / \text{Star} = 2$$

$$\text{Triangle} = 2$$