



Learning Objective: To use mental strategies to find the value of each shape

Work out the value of each shape.



There are three different shapes. Can you help me work out the value of each shape?

$$\text{Green Diamond} + \text{Green Diamond} + \text{Green Diamond} = \boxed{36}$$

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

$$\text{Blue Cross} + \text{Blue Cross} - \text{Green Diamond} = \boxed{10}$$

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

$$\text{Green Diamond} + \text{Blue Cross} + \text{Yellow Circle} = \boxed{38}$$

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

Complete the questions below.

Find the value of the star from the equation below.

$$\text{Orange Star} + \text{Orange Star} + \text{Orange Star} = \boxed{24}$$

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

Find the value of the shape from the equation below.

$$\text{Purple Ring} + \text{Purple Ring} = \boxed{14}$$

$$\text{Purple Ring} = \boxed{}$$

Find the value of the shape from the equation below.

$$52 + \text{Purple Pentagon} = \boxed{64}$$

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

Find the value of the square from the equation below.

$$33 - \text{Green Square} = \boxed{12}$$

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

Find the value of the triangle from the equation below.

$$\text{Pink Triangle} + \text{Pink Triangle} + \text{Pink Triangle} = \boxed{27}$$

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



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$$\text{Green Diamond} + \text{Green Diamond} + \text{Green Diamond} = 36$$

$$\text{Green Diamond} = 12$$

$$\text{Blue Cross} + \text{Blue Cross} - \text{Green Diamond} = 10$$

$$\text{Blue Cross} = 11$$

$$\text{Green Diamond} + \text{Blue Cross} + \text{Yellow Circle} = 38$$

$$\text{Yellow Circle} = 15$$

Complete the questions below.

Find the value of the star from the equation below.

$$\text{Orange Star} + \text{Orange Star} + \text{Orange Star} = 24$$

$$\text{Orange Star} = 8$$

Find the value of the shape from the equation below.

$$\text{Purple Ring} + \text{Purple Ring} = 14$$

$$\text{Purple Ring} = 7$$

Find the value of the shape from the equation below.

$$52 + \text{Purple Pentagon} = 64$$

$$\text{Purple Pentagon} = 12$$

Find the value of the square from the equation below.

$$33 - \text{Green Square} = 12$$

$$\text{Green Square} = 21$$

Find the value of the triangle from the equation below.

$$\text{Pink Triangle} + \text{Pink Triangle} + \text{Pink Triangle} = 27$$

$$\text{Pink Triangle} = 9$$