



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?

$$\square + \square + \triangle = 27$$

$$\triangle + \triangle + \bigcirc = 26$$

$$\square + \bigcirc + \square = 32$$

$$\square = \square$$

$$\triangle = \square$$

$$\bigcirc = \square$$

Complete the questions below.

Find the value of the circle from the equation below.

$$\bigcirc + \bigcirc = 30$$

$$\bigcirc = \square$$

Find the value of the star from the equation below.

$$\star + 12 = 35$$

$$\star = \square$$

Find the value of the shape from the equation below.

$$52 - \text{pentagon} = 27$$

$$\text{pentagon} = \square$$

Find the value of the square from the equation below.

$$63 - \square = 21$$

$$\square = \square$$

Find the value of the circle from the equation below.

$$18 + \square = 44$$

$$\square = \square$$



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$$\square + \square + \triangle = 27$$

$$\triangle + \triangle + \bigcirc = 26$$

$$\square + \bigcirc + \square = 32$$

$$\square = 10$$

$$\triangle = 7$$

$$\bigcirc = 12$$

Complete the questions below.

Find the value of the circle from the equation below.

$$\bigcirc + \bigcirc = 30$$

$$\bigcirc = 15$$

Find the value of the star from the equation below.

$$\star + 12 = 35$$

$$\star = 23$$

Find the value of the shape from the equation below.

$$52 - \text{pentagon} = 27$$

$$\text{pentagon} = 25$$

Find the value of the square from the equation below.

$$63 - \square = 21$$

$$\square = 42$$

Find the value of the circle from the equation below.

$$18 + \square = 44$$

$$\square = 26$$