

Name: _____

ORIGAMI DAY!

Origami Day, celebrated worldwide on November 11th, is a tribute to the ancient art of Japanese paper folding, where enthusiasts and artists showcase their intricate and imaginative creations, turning simple sheets of paper into extraordinary three-dimensional sculptures.

Directions: Use your math skills to find the value of each icon and the '?' in the puzzle below.

$$\text{Red Bird} + \text{Red Bird} + \text{Penguin} = 60$$

$$\text{Blue Duck} + \text{Blue Duck} + \text{Red Bird} = 40$$

$$\text{Red Bird} = \text{Penguin}$$

$$\text{Green Frog} + \text{Green Frog} + \text{Blue Duck} = 26$$

$$\text{Penguin} + \text{Red Bird} + \text{Green Frog} + \text{Blue Duck} = ?$$

My Answer: ? = _____

Answer Key:

Swan=10

Bird=20

Penguin=20

Frog=8

?=58

Fun Fact: Origami is not only an art form but also a tool for scientific and mathematical study; researchers use origami techniques to solve complex problems in areas like space exploration, where large structures like solar panels are folded for transport and then expanded in space.