

Name: _____

HAPPY LUNAR NEW YEAR!

Chinese New Year, also known as Spring Festival, is a vibrant and joyous 15-day celebration marking the beginning of the lunar new year, filled with rich traditions such as family reunions, lion dances, firework shows, and feasts, symbolizing good fortune, health, and prosperity.

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

$$90 = \text{orange slice} \times \text{orange slice} + \text{orange slice}$$

$$\text{lion dance} \times \text{moon} \times \text{moon} = 12$$

$$\text{orange slice} \div \text{moon} = \text{orange slice}$$

$$\text{fireworks} \times \text{lion dance} - \text{orange slice} = 27$$

$$\text{moon} + \text{orange slice} \times \text{fireworks} - \text{lion dance} = \text{?}$$

My Answer: ? = _____

Answer Key:

Orange=9

Lion Dance=12

Fireworks=3

Moon=1

?=16

Fun Fact: Oranges are considered symbols of abundance and good fortune in Chinese culture. The Chinese word for orange, "橙" (chéng), sounds similar to the word for "success," making them popular gifts and decorations during the festivities to bring prosperity in the coming year.