

Name: \_\_\_\_\_

# HAPPY HOT SAUCE DAY!



Hot Sauce Day, celebrated on January 22nd, is a fiery celebration dedicated to all varieties of hot sauce, encouraging enthusiasts to explore and enjoy the diverse range of spicy condiments from around the world.

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

$$120 = \text{Hot Sauce Bottle} + \text{Taco} + \text{Hot Sauce Bottle}$$

$$\text{Taco} = \text{Hot Sauce Bottle} + \text{Hot Sauce Bottle} + \text{Hot Sauce Bottle}$$

$$\text{Hot Chili} \times \text{Hot Chili} \div 2 = 32$$

$$\text{Hot Sauce Spoon} \div \text{Hot Chili} = 2 \times 2 \times 5$$

$$\text{Hot Sauce Spoon} + \text{Hot Sauce Bottle} \times \text{Hot Chili} - \text{Taco} = ?$$

My Answer: ? = \_\_\_\_\_

Answer Key:

Hot Sauce=24

Hot Pepper=8

Taco=72

Spices=160

**?=280**

**Fun Fact:** Hot sauce heat is measured in Scoville Heat Units (SHU), a scale developed by pharmacist Wilbur Scoville in 1912. This scale measures the concentration of capsaicin, the chemical responsible for the spicy sensation. Some of the hottest sauces in the world can reach over a million SHU, a level that is not only intense but also showcases the human fascination with the extreme side of flavors.