

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

# Happy Groundhog Day!



Groundhog Day, celebrated in the United States and Canada on February 2<sup>nd</sup>, is a quirky and beloved tradition where the emergence of a groundhog from its burrow is observed to predict whether there will be six more weeks of winter or an early spring, based on whether or not the groundhog sees its shadow.

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

$$564 = \text{Groundhog} \times 3$$

$$384 = \text{Groundhog} + \text{Top Hat} \times \text{Top Hat}$$

$$93 = \text{Spring Landscape} - \text{Top Hat}$$

$$\text{Winter Landscape} \times \text{Winter Landscape} = \text{Spring Landscape} - 26$$

$$? = \text{Groundhog} + \text{Spring Landscape} - \text{Top Hat} \times \text{Winter Landscape}$$

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

Answer Key:

Groundhog=188

Top Hat=14

Spring=107

Winter=9

**?=169**

**Fun Fact:** While Punxsutawney Phil in the United States is the most famous groundhog predictor, Canada also celebrates with its own groundhog, Wiarton Willie. In the U.S., thousands gather in Punxsutawney, Pennsylvania, to witness Phil's prediction, while in Canada, the town of Wiarton in Ontario holds a festival with music, food, and games to honor Willie's prognostication, showing how this quirky tradition has charming variations across North America.