

Name: _____

Winter Solstice

The December 21st solstice, marking the shortest day and longest night of the year in the Northern Hemisphere, is a celestial celebration that ushers in winter with festive lights and ancient traditions, reminding us of the Earth's relationship with the sun.

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

$$\text{snowflake} \times \text{snowflake} = 144$$

$$\text{snowflake} + \text{sun} + \text{sun} = 34$$

$$\text{sun} - \text{smiley sun} = \text{thermometer}$$

$$\text{smiley sun} \times \text{snowflake} = \text{trees}$$

$$\text{sun} + \text{snowflake} + \text{trees} + \text{smiley sun} = ?$$

My Answer: ? = _____

Answer Key:

Snowflake=12

Forest=120

Sunset Over Mountains=11

Smiling Sun=10

?=153

Fun Fact: The Winter Solstice has been celebrated for thousands of years across various cultures, with traditions ranging from the ancient Roman festival of Saturnalia, a time of feasting and merrymaking, to the Scandinavian Feast of Juul, where burning logs symbolized the warmth and light of the returning sun.