

Name: _____

HAPPY PLUTO DAY!

Pluto Day, observed on February 18th, commemorates the discovery of Pluto in 1930, celebrating this intriguing dwarf planet and its unique place in our solar system's history and in the study of astronomy.

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

$$\text{Telescope} \times 9 = \text{Earth}$$

$$2 \times \text{Earth} = 108$$

$$\text{Earth} + \text{Landscape} + \text{Landscape} = 74$$

$$\text{Landscape} \times \text{Portrait} - 3 = 47$$

$$\text{Earth} + \text{Portrait} + \text{Telescope} = ?$$

My Answer: ? = _____

Answer Key:

Telescope=6

Percival Lowell=5

Pluto=54

Surface of Pluto=10

?=65

Fun Fact: Percival Lowell, a wealthy Bostonian and an astronomer who founded the Lowell Observatory in Flagstaff, Arizona played a crucial role in the discovery of Pluto, despite not living to see it happen. Lowell was convinced that there was a ninth planet, which he called "Planet X," influencing the orbits of Neptune and Uranus. He initiated several searches for this planet from 1905 until his death in 1916. Although his theories about Planet X's effects on Uranus and Neptune's orbits were later proven incorrect, the search he started eventually led to Clyde Tombaugh's discovery of Pluto at the Lowell Observatory in 1930. Thus, Lowell's legacy and efforts were instrumental in the eventual discovery of Pluto.