

Name: _____



HAPPY ASTRONOMY DAY!

Astronomy Day, celebrated on October 15th, is an annual event aimed at sparking public interest in astronomy by bringing astronomy to the people, with various educational and observational activities organized by astronomy enthusiasts, clubs, and organizations.

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

$$\text{Astronaut} \times \text{Planet} = 90$$

$$11 \times \text{Astronaut} = 110$$

$$\text{Rocket} = 14 - \text{Planet}$$

$$\text{Moon} - \text{Rocket} = 7$$

$$2 \times \text{Rockets} \times \text{Moon} = ?$$

My Answer: ? = _____

Answer Key:

Double-Symbols

Astronaut=10

Planet=9

Rocket=5

Moon=12

?=120

A double-symbol is a grouping that can be interpreted as follows:

$$\text{🌮🌮} = \left(\text{🌮} + \text{🌮} \right)$$

or

$$\text{🌮🌮} = \left(\text{🌮} \times 2 \right)$$

Fun Fact: The largest known star in the Universe is UY Scuti, a red supergiant star in the constellation Scutum. It's about 1,700 times larger than our sun; if it were placed at the center of our solar system, its surface would extend beyond the orbit of Jupiter. This immense size underscores the incredible diversity and scale of celestial bodies in our universe, providing a fascinating perspective on the vastness of space.