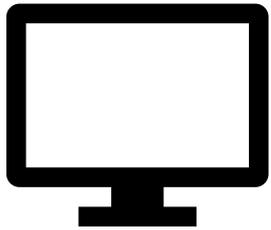


PLUTO



DIGITAL



PRINT

PLUTO

Pluto was once considered the 9th planet of the solar system. It is 3 to 5 billion miles from the Sun (5 to 7.5 billion kilometers). Pluto is about 1,473 miles (2,370 kilometers) across. That makes Pluto about two-thirds the diameter of Earth's moon and less than half of Mercury's diameter. Pluto is about one-sixth of the moon's mass and one-third of its volume. However, Pluto is not considered a planet anymore. Interestingly, Pluto is smaller than these moons from other planets in the solar system: Ganymede, Titan, Callisto, Io, Europa, Triton.

In 2005, the dwarf planet Eris was discovered. Then, in 2006, the International Astronomical Union (IAU) defined the word planet. According to the IAU, a planet must meet three criteria:

1. It must orbit around the Sun.
2. It needs enough mass to have a nearly round shape.
3. It has "cleared the neighborhood" around its orbit. In other words, gravity has cleared away any other similar-sized objects near its orbit around the Sun.

Unfortunately, Pluto didn't meet the third requirement! Therefore, Pluto was demoted to a dwarf planet - the largest known dwarf planet. There are five dwarf planets in the solar system: Pluto, Eris, Ceres, Haumea, and Makemake. Pluto along with three other dwarf planets sit in the Kuiper Belt, an inclined ring around the Sun.

On February 18, 1930, Pluto was discovered by astronomer Clyde W. Tombaugh in Flagstaff, Arizona, using a telescope. A girl from Oxford, England named Venetia Burney named Pluto after the Roman god of the underworld. In Greek mythology, Pluto is named after Hades. Pluto was considered the son of Saturn. Saturn ruled the world alongside his brothers: Jupiter controlled the sky, Neptune controlled the sea, and Pluto controlled the underworld.

Pluto mainly consists of 70 percent rock and 30 percent water ice (nitrogen ice). About half of its mass is ice, and the other half is

What is the name of the belt Pluto is in? *

- Dwarf Belt
- Kuiper Belt
- Benign Belt
- Cooper Belt

Who gave Pluto its name? *

- Galileo
- Venetia Burney
- Glenn T. Seaborg
- None of the above

What year was dwarf planet Eris discovered? *

- 1881
- 2018
- 1979
- 2005



READING PASSAGE

15 QUESTIONS

PLUTO

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Therefore, Pluto is not a planet.

TRUE OR FALSE

Pluto was discovered by Clyde W. Tombaugh.

8 There are nine dwarf planets in our solar system.

9 Pluto was...

CHOICE

2 Who gave Pluto its name?

A. Galileo
B. Venetia Burney
C. Glenn T. Seaborg
D. None of the above

3 What year was dwarf planet Eris discovered?

A. 1861
B. 2018
C. 1979
D. 2005

4 How many moons does Pluto have?

A. Three
B. Four
C. Five
D. Six

5 What color does Pluto appear to be?

A. Red
B. Yellow
C. Blue
D. Green

Digital or print

The image shows a digital workspace for the Pluto worksheet. On the left, a white coffee cup with a "THINK TANK" logo sits on a wooden desk. In the center, a laptop displays the worksheet content, including the "PLUTO" title, descriptive text, and a "TRUE OR FALSE" section. To the right of the laptop, a small succulent in a white pot is visible. A pen holder with various writing instruments is also present on the desk.

INCLUDED

- ✓ READING PASSAGE
- ✓ TEACHER DIRECTIONS
 - ✓ ANSWER KEY
 - ✓ 15 QUESTIONS
 - ✓ SELF-GRADING
- ✓ PRINTABLE VERSION
- ✓ DIGITAL VERSION



QUESTION TYPES

-  **MULTIPLE CHOICE (6)**
-  **TRUE OR FALSE (9)**
-  **EDITABLE QUESTIONS
(FOR DIGITAL VERSION)**

True

False



STUDENTS NEED

✓ ACCESS TO GOOGLE CLASSROOM™
(IF USING THE DIGITAL FORMAT)

✓ GOOGLE™ ACCOUNTS

✓ KNOW HOW TO ZOOM IN AND ZOOM OUT TO
ENLARGE OR SHRINK THE SCREEN

True

False



BENEFITS

-  SELF-GRADING
-  IMMEDIATE STUDENT FEEDBACK
-  PAPERLESS
-  NO PREP
-  SAVES YOU TIME
-  COMPREHENSION PRACTICE



OPTIONS



FRONT-LOADING



GROUP STATIONS



SUB PLANS



UNIT REVIEW



ENRICHMENT ACTIVITY



DIGITAL



PRINTABLE

