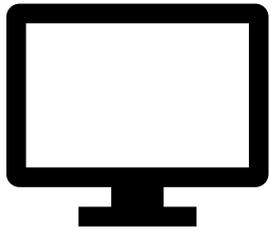


PLANET URANUS



DIGITAL



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PLANET URANUS

Uranus is the seventh planet from the Sun, with a distance of 1.8 billion miles (2.9 billion km) from the Sun. It lies in the outer solar system. Uranus is the third-largest planet with a diameter of 31,763 miles (51,16 km). Uranus' mass is four and a half times the mass of Earth, making it the fourth-largest mass in the solar system.

Uranus was formed about 4.5 billion years ago. It was the first planet discovered in the modern age. Ancient civilizations couldn't see it because it was dim and hidden in the dark sky.

John Flamsteed first spotted Uranus in 1690, however, he thought it looked like a star. Astronomer William Herschel discovered Uranus by telescope (the first planet found by telescope) on March 13, 1781. Yet, he thought it was only a comet. Finally, two years later, Herschel decided it was a planet. He tried to name the planet "Georgium Sidus," after King George III, but others didn't like it. Finally, astronomer Johan Bode suggested the name Uranus, after the Greek god Osanos, the god of the sky and husband of the Earth. Uranus is the only planet named after a Greek god. Roman gods inspired the other planets' names.

Uranus is similar to Jupiter and Saturn, with similar thick atmospheres of hydrogen and helium. However, Uranus has ice in the form of water, ammonia, methane, and traces of other hydrocarbons. Instead of being called a gas giant, Uranus is considered an ice giant (along with Neptune, its sister planet). The frozen elements on Uranus make it the coldest atmosphere of all of the planets in the solar system. The temperature can dip to -370 degrees Fahrenheit. Life (as we know it) can't exist here.

Uranus has a blue appearance due to the methane on the planet. Uranus has a small rocky center surrounded by water, methane, and ammonia fluids.

Similar to Jupiter and Saturn, Uranus has 13 faint rings. Astronomers think the rings formed 600 million years ago from

Who was the first person to spot Uranus? *

- John Flamsteed
- Galileo
- William Shakespeare
- Alexander Pope

What color does the planet appear to be? *

- Black
- Yellow
- Blue
- None of the above

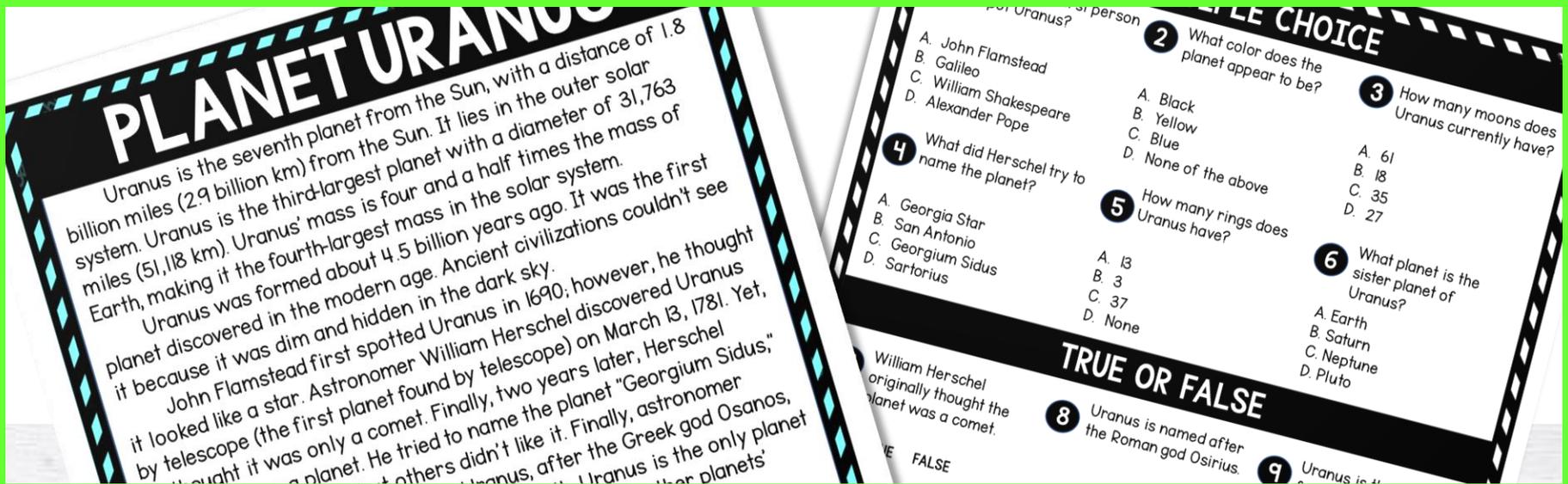
How many moons does Uranus currently have? *

- 61
- 18
- 35
- 27

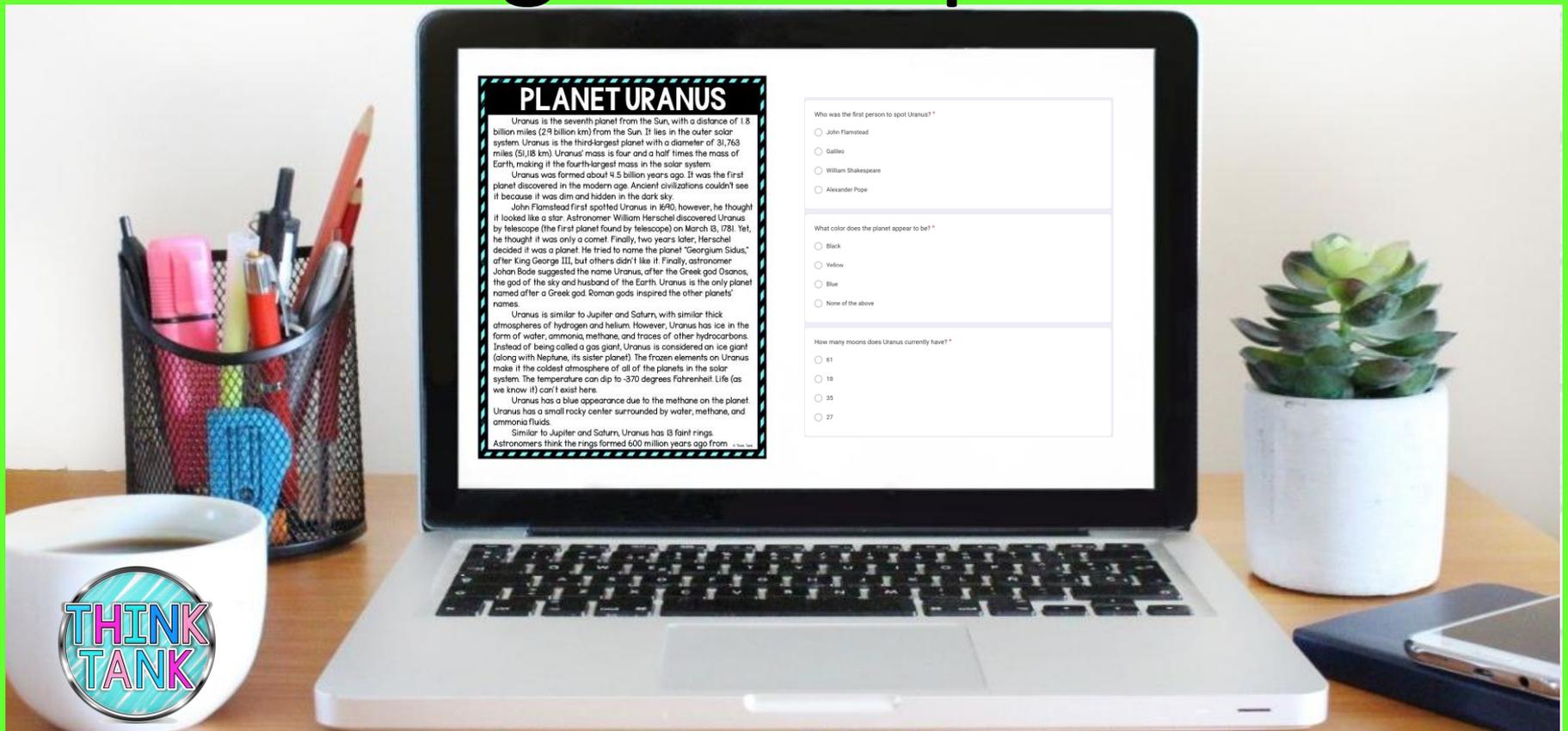


READING PASSAGE

15 QUESTIONS



Digital or print



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

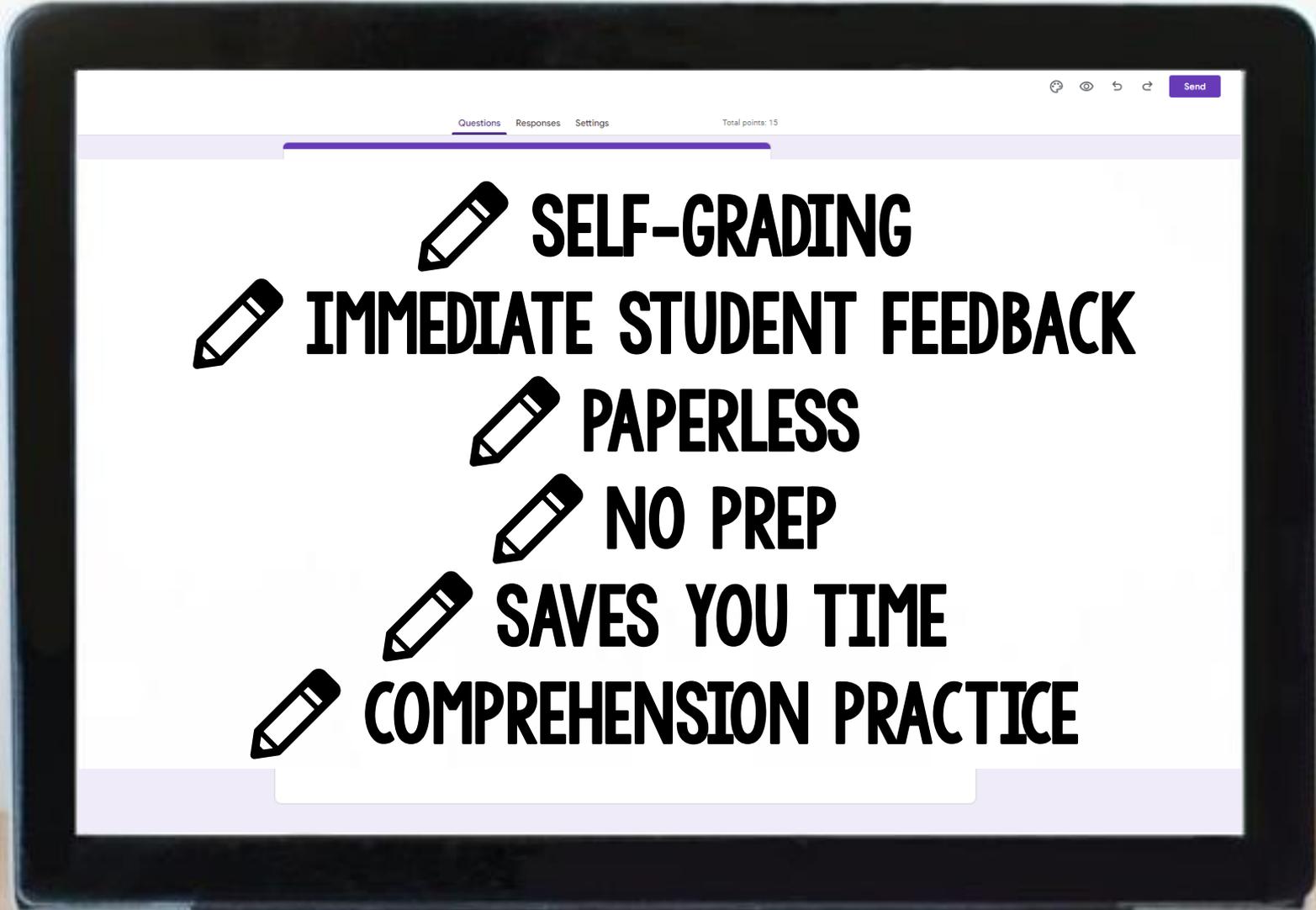
✓ KNOW HOW TO ZOOM IN AND ZOOM OUT TO
ENLARGE OR SHRINK THE SCREEN

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



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