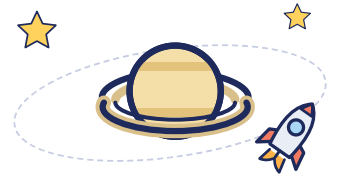


Space Quiz

Star Spotters

Grades 2-3 · ages 7-9



SCORE

____ / 15

Name _____ Class _____ Date _____

15 questions · 15 points · about 20 minutes

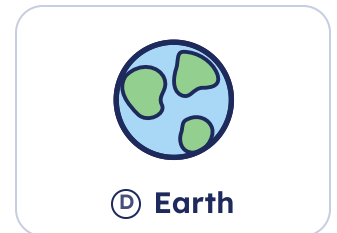
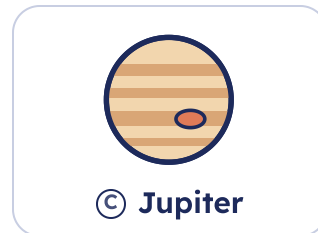
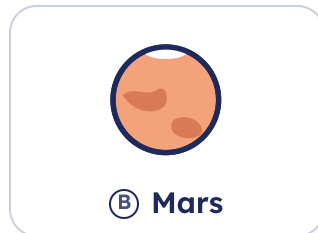


Multiple choice

Fill in the circle next to the best answer.

5 POINTS

① Which planet is the biggest in our solar system?



② Which planet is called the Red Planet?

Ⓐ Venus

Ⓑ Jupiter

Ⓒ Mercury

Ⓓ Mars

③ Which planet is the hottest?

Ⓐ Venus

Ⓑ Mercury

Ⓒ Mars

Ⓓ Neptune

④ What is a group of stars that makes a pattern called?

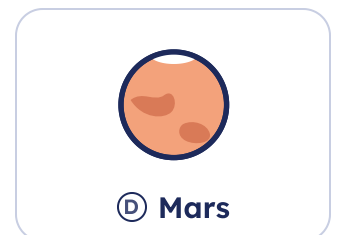
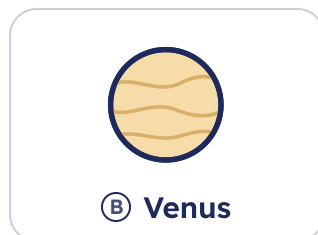
Ⓐ A galaxy

Ⓑ A constellation

Ⓒ A comet

Ⓓ An orbit

⑤ Which planet is famous for its bright rings?





True or false

Circle True or False.

4 POINTS

- ⑥ The Moon is bigger than Earth. True False
- ⑦ Day and night happen because the Sun circles Earth. True False
- ⑧ Astronauts wear space suits to walk in space. True False
- ⑨ There is no gravity on Earth. True False



Fill in the blank

Choose a word from the word bank to finish each sentence. Each word is used once, and two words are left over.

3 POINTS

WORD BANK

day

Earth

Mars

month

year

- ⑩ Earth takes one _____ to travel all the way around the Sun.
- ⑪ Earth spins around once every _____, giving us daytime and night.
- ⑫ The Moon travels in an orbit around _____.



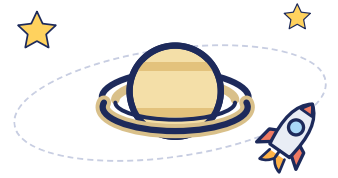
Matching

Draw a line from each word to what it means.

3 POINTS

- | | | |
|-----------|---|--|
| ⑬ Mercury | • | • ① A force that pulls things together |
| ⑭ Gravity | • | • ② An icy space rock with a long tail |
| ⑮ Comet | • | • ③ The planet closest to the Sun |

Answer Key



Star Spotters

Grades 2–3 · ages 7–9

QUICK CHECK

1 C	2 D	3 A	4 B	5 C	6 F
7 F	8 T	9 F	10 year	11 day	12 Earth
13 C	14 A	15 B			

Part A · Multiple choice

5 POINTS

- Which planet is the biggest in our solar system?
C · Jupiter
Jupiter is the largest planet. More than 1,000 Earths could fit inside it.
- Which planet is called the Red Planet?
D · Mars
Rusty iron in the dirt and dust makes Mars look red.
- Which planet is the hottest?
A · Venus
Venus is hotter than Mercury, even though Mercury is closer to the Sun.
- What is a group of stars that makes a pattern called?
B · A constellation
People connect stars into pictures called constellations, like Orion or Ursa Major.
- Which planet is famous for its bright rings?
C · Saturn
Saturn has the biggest, brightest rings. They are made of ice and rock.

Part B · True or false

4 POINTS

- The Moon is bigger than Earth.
False
The Moon is less than a third as wide as Earth, so Earth is much bigger.
- Day and night happen because the Sun circles Earth.
False
Earth spins. Day is on the side facing the Sun, and night is on the side facing away.
- Astronauts wear space suits to walk in space.
True
A space suit gives astronauts air to breathe and protects them from heat, cold and dust.
- There is no gravity on Earth.
False
Gravity keeps you on the ground and makes things fall when you drop them.

Part C · Fill in the blank

3 POINTS

- 10 Earth takes one year to travel all the way around the Sun.
year
One trip around the Sun takes Earth about 365 days, which we call a year.
- 11 Earth spins around once every day, giving us daytime and night.
day
Earth turns once about every 24 hours. That spin makes day and night.
- 12 The Moon travels in an orbit around Earth.
Earth
The Moon orbits Earth. Earth orbits the Sun.

Part D · Matching

3 POINTS

- 13 **Mercury**
C · The planet closest to the Sun
Mercury is the smallest planet and the nearest to the Sun.
- 14 **Gravity**
A · A force that pulls things together
Gravity is an invisible force that pulls objects toward each other.
- 15 **Comet**
B · An icy space rock with a long tail
Comets are made of dust and ice and are known for their long tails.