Are You Smarter Than A Grader?

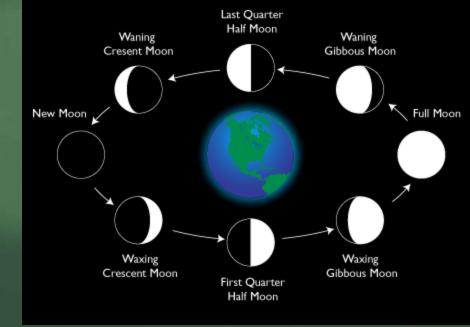
Solar System

What causes the moon's a. applaséstoon b. the moon orbiting Earth c. the sun orbiting Earth

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Fopic 1

Topic 1 b. the moon orbiting Earth



WRONG

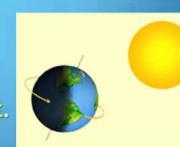
What are two ways in which the Earth moves?

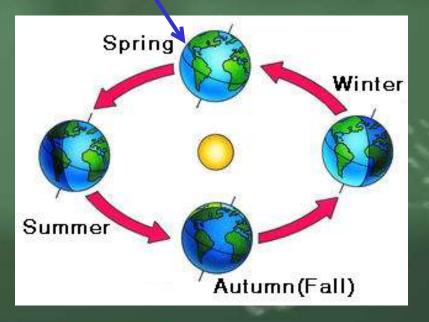
a. steady and slowb. in phases and cyclesc. rotates and revolves

c. rotates and revolves

Earth's Rotation:

C Earth's rotation is what causes day and night.





What causes the seasons?

11

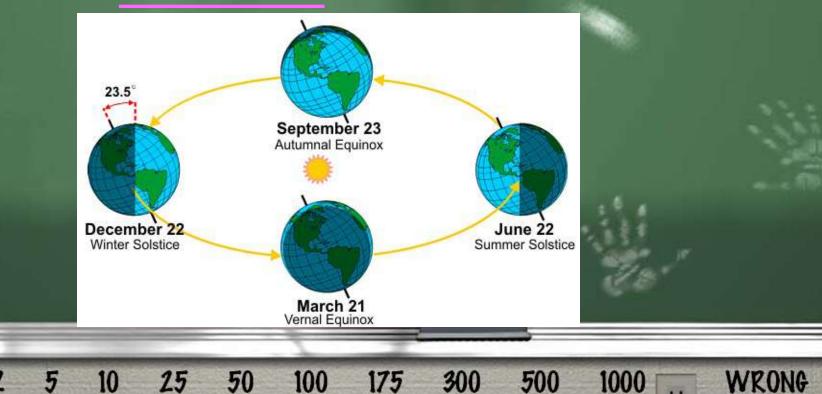
a.the weather

b.the tilt of Earth on its axis as it revolves around the sun

c.the phases of the moon



b. the tilt of Earth on its axis as it <u>revolves</u> around the sun





If you look up in the sky at night and see half of the moon lit on the left side, which moon phase can you expect to see within the next few nights?

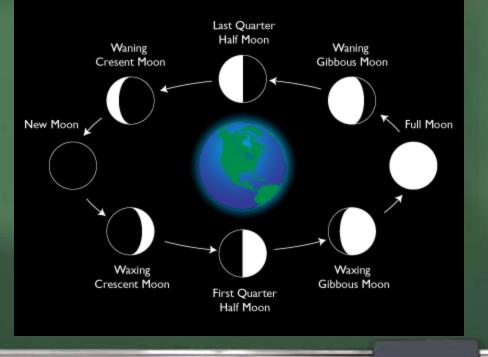
a.crescent b.waning crescent c.full moon

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b. waning crescent

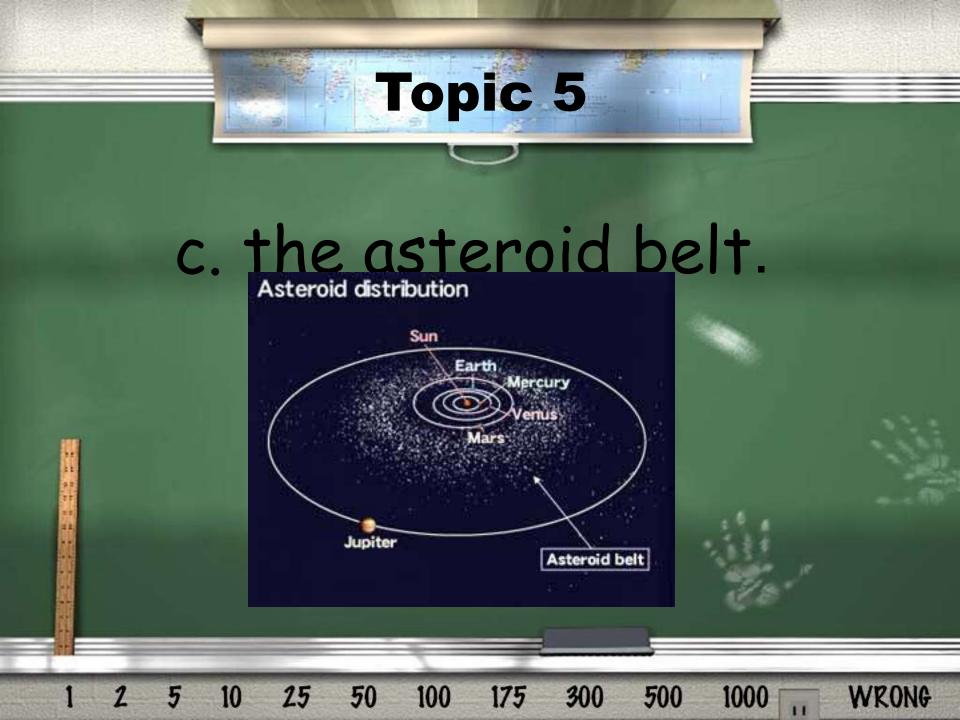


WRONG



What separates the inner planets from the outer planets? a.the Milky Way b.the moon c.the asteroid belt





What are three similarities of the four inner planets? a.mostly made of water, larger, and no more than 2 moons b.mostly made of rock, smaller, and no more than c.mostly made of oxygen, smaller, and no more than 3 moons

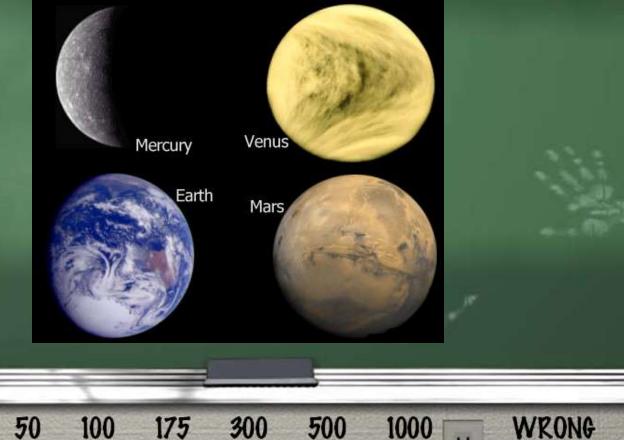
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b. mostly made of rock, smaller, and no more than 2 moons

10

25

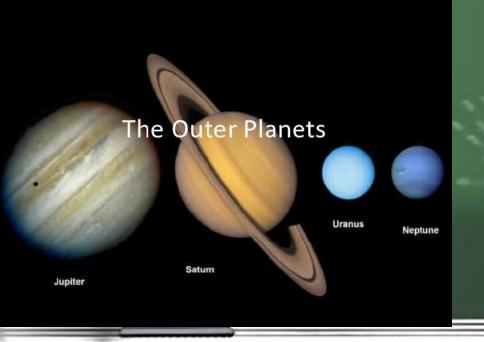


What are four similarities of the four outer planets? a.mostly made of gases, much larger, more than 2 moons, surrounded by rings b.mostly made of dirt, smaller, less than 2 moons, surrounded by water c.mostly made of rock, larger, more than 2 moons, surrounded by gravity

Topic 7

a. mostly made of gases, much larger, more than 2 moons, all are surrounded by rings

Topic 7



Name the planets in order from the sun.





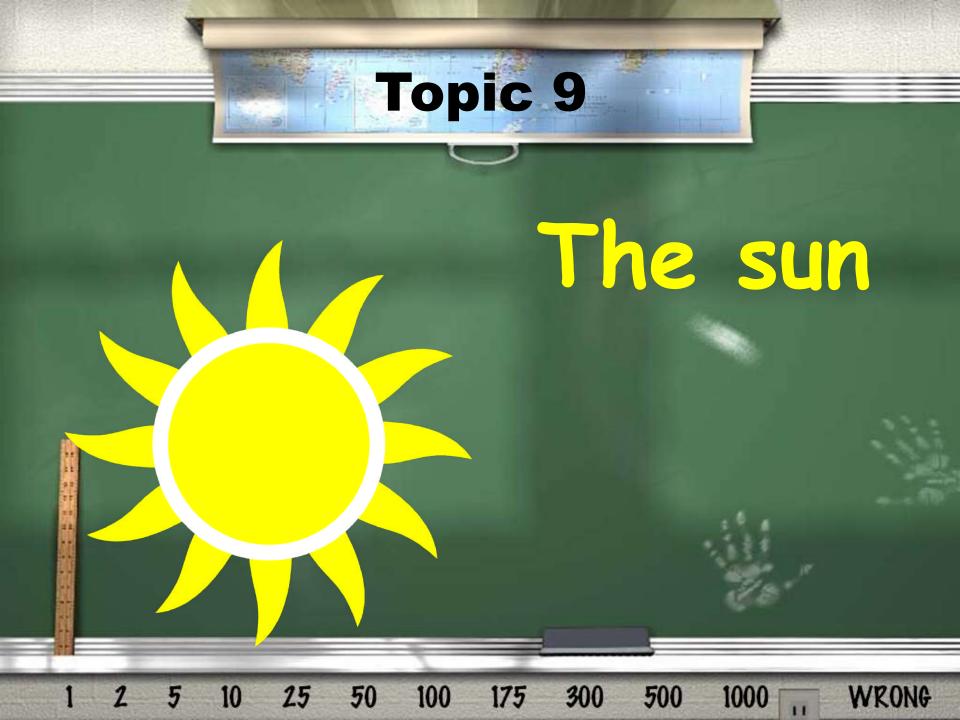
Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus

WRONG

What is the largest object in our Solar System?

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What color is the hottest star?

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Topic 10





What color is the coolest star?



What are the <u>four ways</u> a star can be <u>classified</u>? a.size, orbit, texture, weight b.light, measurement, orbit, size c. size, color, brightness, temperature

10

25

50

100

175

300

500

1000



c. size, color, brightness, temperature



Why can we not see the same constellations all year long?

a.As Earth revolves around the sun, we see different parts of space at different times of the year. <u>b.Constellations revolve around the moon</u>.

c.Constellations "wander" around the sky.

100

175

300

50

10

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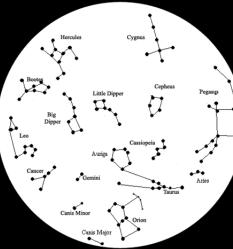
WRONG

500

a. As Earth revolves around the sun, we see different parts of space at different times of the year.

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Topic 13



Million Dollar Question

RIGHT

WRONG

How can you tell the <u>difference between planets</u> <u>and stars</u> when looking at them <u>without</u> a telescope?

(2 ways)

Million Dollar Answer

Planets shine with a steady light; stars look like twinkling lights.
When watching the sky over a period of time, stars stay in a fixed location while planets seem to "wander" around the sky.