



解密神奇的宇宙

Unlocking the secrets of the Universe

Session 1

Warm-up quiz

How well do you know the Universe?

Question 1

Can you name all the planets in the Solar System?

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

Question 2

Which of these planets are rock-like?

A The Earth

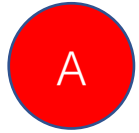
C Neptune

B Jupiter

D Venus

Question 2

Which of these planets are rock-like?



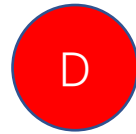
The Earth



Neptune



Jupiter



Venus

Question 3

Which of these planets are surrounded by "rings"?

A Saturn

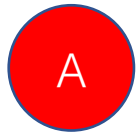
C Uranus

B Mercury

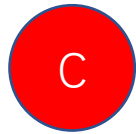
D Mars

Question 3

Which of these planets are surrounded by "rings"?



Saturn



Uranus



Mercury



Mars

Question 4

How long is the Earth's radius?

A ~6400km

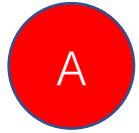
C ~7000km

B ~5700km

D ~6800km

Question 4

How long is the Earth's radius?



~6400km



~7000km



~5700km



~6800km

Question 5

How long does it take light to travel 1m?

A $\sim \frac{1}{300,000}$ of a second

C $\sim \frac{1}{300,000,000}$ of a second

B $\sim \frac{1}{30,000,000}$ of a second

D $\sim \frac{1}{3,000,000}$ of a second

Question 5

How long does it take light to travel 1m?

A $\sim \frac{1}{300,000}$ of a second

C $\sim \frac{1}{300,000,000}$ of a second

B $\sim \frac{1}{30,000,000}$ of a second

D $\sim \frac{1}{3,000,000}$ of a second

Question 6

What year did humans land on the Moon?

A 1959

C 1979

B 1969

D 1954

Question 6

What year did humans land on the Moon?

A 1959

C 1979

B 1969

D 1954

Question 7

Can you order these planets from largest to smallest?

A Saturn

C Earth

B Venus

D Neptune

Question 7

Can you order these planets from largest to smallest?

1 Saturn

3 Earth

4 Venus

2 Neptune