

The Sun and the Moon

1. George and Anna were talking about what the Sun and Moon looked like in the sky.

George said that the Sun looked bigger than the Moon. Anna said that the Sun and Moon appeared to be the same size. Who was right?

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2. Simon knew that the actual Sun was much bigger than the Moon. He asked Leah why it looked to be the same size as the Moon.

Leah replied: "The Sun looks the same size as the Moon because it is a lot further away from us." Was Leah right?

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3. The Sun is about 100 times bigger than the Earth. The Earth is about 4 times bigger than the Moon. How many times is the Sun bigger than the Moon? Circle the correct answer.

4 25 100 400

4. The teacher explained that if you watch something that is moving away from you, like an aircraft, it seems to look smaller. Can you think of some more examples of this that you have seen?