

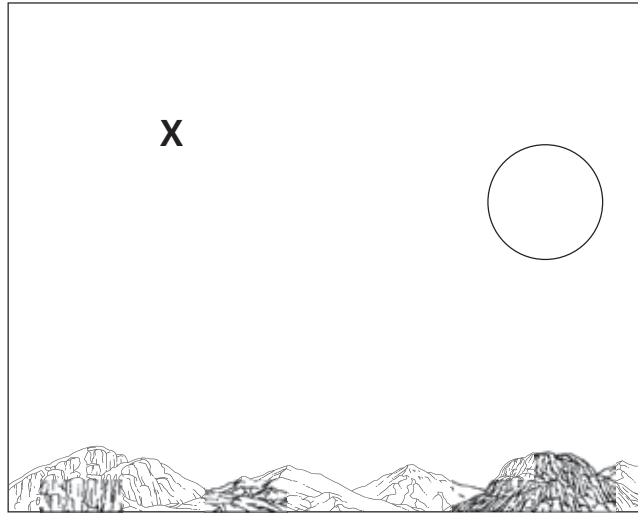


Name: Form:

See pages 12 and 13 of *Earth and beyond*

The size of the Moon and Sun

The Moon is much smaller than the Sun but it appears to be the same size in the sky because it is much closer to the Earth.



Q1. Draw a Full Moon at point X in the sky.

Q2. Is the Sun (a) 10 times, (b) 100 times, (c) 1,000 times as wide as the Earth?



Q3. Is the Earth (a) 4 times, (b) 5 times (c) 8 times as wide as the Moon?



Q4. How can you make two pencils which are the same height appear to have different heights?



Q5. The Moon is much nearer the Earth than the Sun. How does this make them appear.



Q6. If you stood on the Moon and looked at the Earth would the Earth fill the sky?
Explain your answer.



