# Year 7 Science: The Moon as a clock, the maramataka, and eclipses

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

## Practice

1. Full moon is on 24 December 2026. Roughly when is the next last quarter?

2. Which phase must the Moon be in for a solar eclipse?

3. In a lunar eclipse, which body is in the middle of the line?

4. Why do iwi in different regions have different maramataka?

5. Why is a solar eclipse seen only from a small part of Earth, while a lunar eclipse is seen by everyone on the night side?

## Fix the mistake

6. Correct this statement: "A solar eclipse is when Earth's shadow covers the Sun."

7. Correct this statement: "There must be an eclipse every new moon and full moon."

8. Correct this statement: "The maramataka is the same everywhere in New Zealand."

9. Correct this statement: "A lunar eclipse can happen at any phase."