🌙 Moon Phases

Worksheet · Grades 3–5

Name: _____ Class: _____ Date: _____

Part A – grades 1–3

✏️ Number the stages in order (1, 2, 3...)

- ◯ 🌔 Waxing gibbous – almost full
- ◯ 🌑 New Moon – we almost cannot see it
- ◯ 🌗 Last quarter – half Moon
- ◯ 🌓 First quarter – half Moon
- ◯ 🌕 Full Moon
- ◯ 🌒 Waxing crescent

📖 Read

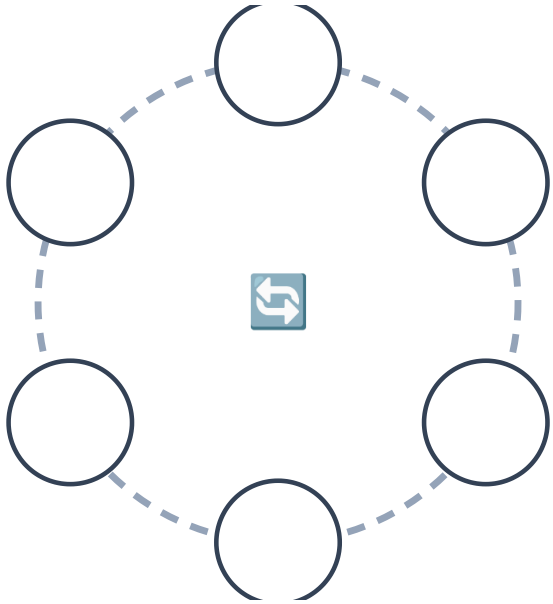
The Moon is between the Earth and the Sun. The lit side faces the Sun, and the dark side faces us. The Hebrew month starts at the new Moon.

We see a thin lit line on the right side (as seen from Israel). Every evening the lit part grows.

About a week after the New Moon we see half a circle lit.

The Earth is between the Sun and the Moon: the whole lit half faces us. In the middle of the Hebrew month (the 15th) the Moon is full.

🎨 Draw the cycle: one stage in each circle



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Part B – grades 4–6

1. What do you think will happen?

What do you think? Why do we see only part of the Moon?

☐ Because the Earth hides it
☐ Because we see only the lit part that faces us
☐ Because the Moon shrinks

Explain your hypothesis: _____

_____

2. Explain in your own words:

phase: _____

New Moon: _____

lunar month: _____

orbit: _____

3. Observation task: a Moon diary for one month

Date	Hebrew date	Time	My drawing	Phase name

4. Tick the right answer:

Where does the Moon's light come from?

☐ The Moon makes its own light ☐ From the Sun – the Moon reflects it ☐ From the stars

How long is it from New Moon to New Moon?

☐ About a week ☐ About 29.5 days ☐ A year

When do we see a Full Moon?

☐ When the Earth is between the Sun and the Moon
☐ When the Moon is between the Earth and the Sun ☐ Only in winter

In the Hebrew month, when is the Moon about full?

☐ On Rosh Chodesh ☐ On the 15th ☐ At the end of the month