Day and night sky worksheet

1st grade science · Earth Science

Name _____ Date _____

For grown-ups: 12 questions from our day and night sky practice, easier ones first. Read a question aloud if your child wants that, then check together with the answer key on page 2. Circle one answer for each problem.

1. **Which shape can the moon look like?**
   ○ Square ○ Crescent ○ Triangle

2. **What makes a shadow?**
   ○ Cold air
   ○ Something blocking light ○ Wind

3. **Which time is dark?**
   ○ Morning ○ Night ○ Noon

4. **What lights up the day sky?**
   ○ Stars ○ Moon ○ Sun

5. **Why do we have day and night?**
   ○ Clouds cover the sun
   ○ Earth spins ○ The sun turns off

6. **The sun seems to rise in the ___.**
   ○ East ○ North ○ West

7. **The sun is a star.**
   ○ Yes ○ No

8. **The moon makes its own light.**
   ○ Yes ○ No

9. **At night, the sun is shining on the other side of Earth.**
   ○ Yes ○ No

10. **When is your shadow shortest?**
    ○ Sunset ○ Midday
    ○ Early morning

11. **The sun seems to move across the sky because Earth spins.**
    ○ Yes ○ No

12. **How long does Earth take to spin around once?**
    ○ One hour ○ One year ○ One day

Answer key: Day and night sky

1st grade science · More practice and a guide for parents at tutorsaurus.com/learn/1st-grade/day-night

1. **Crescent**
   The moon can look like a thin crescent, a half circle, or a full round circle. Never a square!
2. **Something blocking light**
   A shadow forms when something blocks the light. The dark shape is where light cannot reach.
3. **Night**
   Night is dark because our side of Earth faces away from the sun.
4. **Sun**
   The sun lights up the sky in the daytime. It gives us light and warmth.
5. **Earth spins**
   Earth spins. When your side faces the sun it is day. When it faces away, it is night.
6. **East**
   The sun rises in the east every morning and sets in the west every evening.
7. **Yes**
   True! The sun is a star. It looks big and bright because it is the closest star to Earth.
8. **No**
   False! The moon does not make light. It bounces light from the sun back to us.
9. **Yes**
   True! The sun always shines. At night, your side of Earth is turned away from it.
10. **Midday**
    At midday the sun is high in the sky, so your shadow is short. Morning and evening shadows are long.
11. **Yes**
    True! The sun looks like it moves, but really Earth is spinning and we move with it.
12. **One day**
    Earth spins around once every day, about 24 hours. That gives us one day and one night.