Water cycle and rock cycle worksheet

4th grade science · Earth Science

Name _____ Date _____

For grown-ups: 9 questions from our water cycle and rock cycle 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. **The sun powers the water cycle.**
   ○ Yes ○ No

2. **Which one is a kind of precipitation?**
   ○ Snow ○ Steam ○ Clouds

3. **Water turning into vapor and rising into the air is called ___.**
   ○ Evaporation ○ Condensation ○ Precipitation

4. **Water vapor cooling and forming clouds is called ___.**
   ○ Condensation ○ Collection ○ Evaporation

5. **Where does most evaporation on Earth happen?**
   ○ Oceans ○ Deserts ○ Mountains

6. **Wind and water slowly breaking rock into tiny pieces is called ___.**
   ○ Melting ○ Weathering ○ Condensing

7. **Fossils are usually found in sedimentary rock.**
   ○ Yes ○ No

8. **What kind of rock forms when heat and pressure change a rock?**
   ○ Igneous ○ Metamorphic ○ Sedimentary

9. **The water you drink today may have been rain thousands of years ago.**
   ○ Yes ○ No

Answer key: Water cycle and rock cycle

4th grade science · More practice and a guide for parents at tutorsaurus.com/learn/4th-grade/water-cycle

1. **Yes**
   True! The sun's heat makes water evaporate, which starts the whole cycle.
2. **Snow**
   Snow falls from clouds, so it is precipitation. Steam is evaporated water and clouds are condensation.
3. **Evaporation**
   Evaporation is liquid water turning into water vapor, a gas, and rising into the air.
4. **Condensation**
   Condensation is water vapor cooling and turning back into tiny liquid drops. Clouds are made this way.
5. **Oceans**
   Oceans cover most of Earth, so most water evaporates from the oceans.
6. **Weathering**
   Weathering is when wind, water and ice slowly break rocks into smaller pieces.
7. **Yes**
   True! Plants and animals get buried in layers of sediment. Those layers become sedimentary rock with fossils inside.
8. **Metamorphic**
   Metamorphic rock is rock that was changed by heat and pressure deep underground. Marble is one example.
9. **Yes**
   True! Earth recycles the same water over and over. A dinosaur may have splashed in the water you drink!