1. Define: A **phase change** is a change from one state to another, such as from a liquid to a gas. Based on what you have read in the Gizmo, fill in the blanks with the words “liquid,” “gas,” or “solid” to define each change.

**Evaporation**: Change from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Condensation**: Change from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Melting**: Change from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Freezing**: Change from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Practice: Fill in the process that causes each transition. Your choices are evaporation, condensation, precipitation, melting, and freezing.
   * 1. Ocean 🡪 Atmosphere \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
     2. Atmosphere 🡪 Clouds \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
     3. Cloud 🡪 Snow \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
     4. **Glacier** (river of ice) 🡪 River \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
     5. Cloud 🡪 Soil \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Practice: Fill in the *two* processes that cause each of the following transitions.
   * 1. Ocean 🡪 Cloud \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
     2. Cloud 🡪 Glacier \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Think and discuss: Water covers over two-thirds of Earth’s surface. Yet water shortages are a major problem for many people around the world. Why do you think this is the case?
4. Define: A **phase change** is a change from one state to another, such as from a liquid to a gas. Based on what you have read in the Gizmo, fill in the blanks with the words “liquid,” “gas,” or “solid” to define each change.

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**Condensation**: Change from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Melting**: Change from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Freezing**: Change from a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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     2. Atmosphere 🡪 Clouds \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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