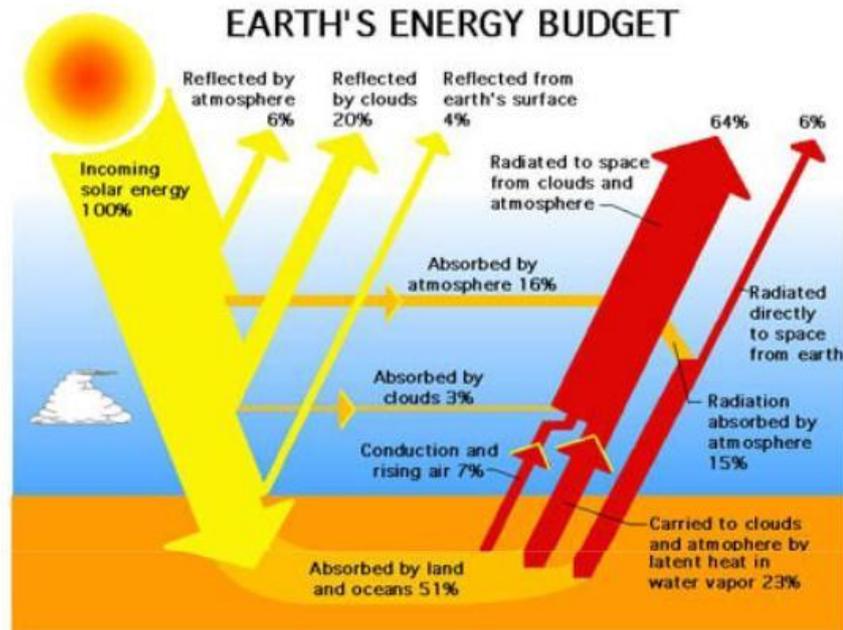


Reflection

- The Earth receives only a small portion of the sun's energy.
 - About ___% less than ($\frac{1}{3}$) of solar energy is reflected back into outer space.
 - About ___% ($\frac{1}{2}$) of solar energy is absorbed by Earth's surface.
 - About ___% ($\frac{1}{5}$) of solar energy is absorbed in Earth's atmosphere.

Absorption



Heat

Drag and Drop **air** **unequally** **equal** **motion** **heating** **weather**

- The Earth is heated _____, which causes our _____.
- Incoming solar radiation is _____ to the energy that leaves Earth's atmosphere.
- The radiation we receive from the sun is responsible for:
 - the motion of the ___ in the atmosphere
 - the _____ of Earth's troposphere
 - the _____ of Earth's hydrosphere (oceans)
 - many other essential processes

Practice

Fill in the blanks with the correct percentages.

Reflected = _____

Absorbed by atmosphere = _____

Absorbed at surface = _____

