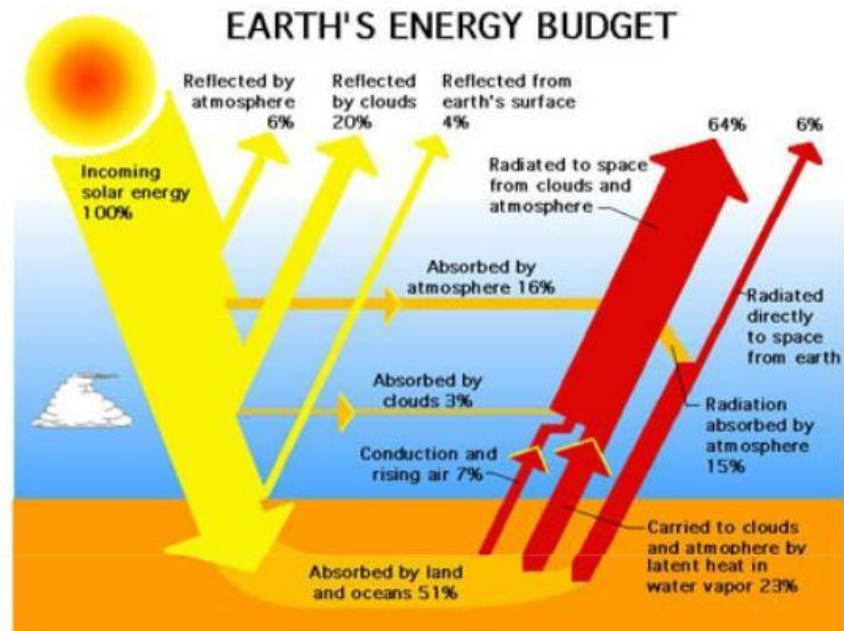


Reflection

- 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

motion

heating

unequally

equal

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 = ____

