



What's the Same and What's Different?

There are three ways to heat things: radiation conduction and convection.
Answer the following questions to help you understand similarities and differences.

Circle the correct answer to each question
(To be used with lyrics to RRR song "Radiation, Conduction, Convection")

RADIATION – WHAT'S DIFFERENT

1. This form of heat energy comes to Earth from the
sun moon planets clouds
2. It is transferred to Earth through
water wavelengths only solid objects fire
3. Radiant heat is typically found
in empty space in water in mountains in bricks
4. When the earth 'holds onto' heat and releases it into the air it's called
burning cooling re-radiation temperature
5. An example of radiant heat on Earth would be
standing in the sun on a still sunny day
standing in the breezy shade on a hot day
sitting on a metal chair in the sun on a hot day

CONVECTION – WHAT'S DIFFERENT

6. This form of heat energy is transferred only through
solids/rocks gases/liquids trees/plants