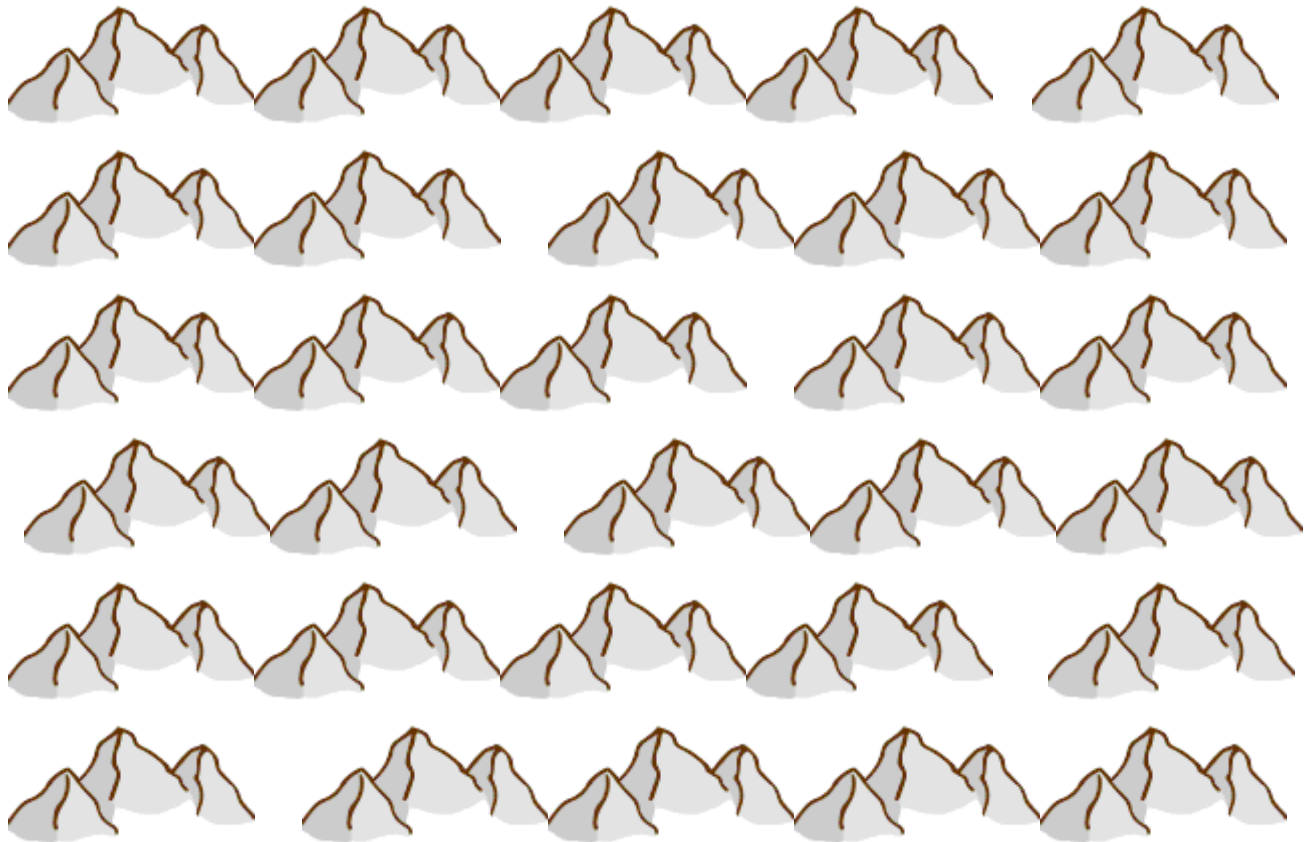


ARIZONA EDVENTURES

The Happy Wanderer



Help Arizona Ed get out of the heat! Guide him from the hot desert up to the cool forest.

In 1889, naturalist C. Hart Merriam was studying the distribution patterns of plants and animals in Arizona. He noticed that for every 1,000 feet of gain in elevation, there is a temperature drop of 3° F. Arizona's lower deserts range from 100-3,000 feet in elevation. Most of the Ponderosa Pine forests in Arizona are at elevations between 6,000-8,000 feet. If Arizona Ed starts out at a 1,000 foot elevation with a temperature of 100°, what will the temperature be when he reaches 8,000 feet?