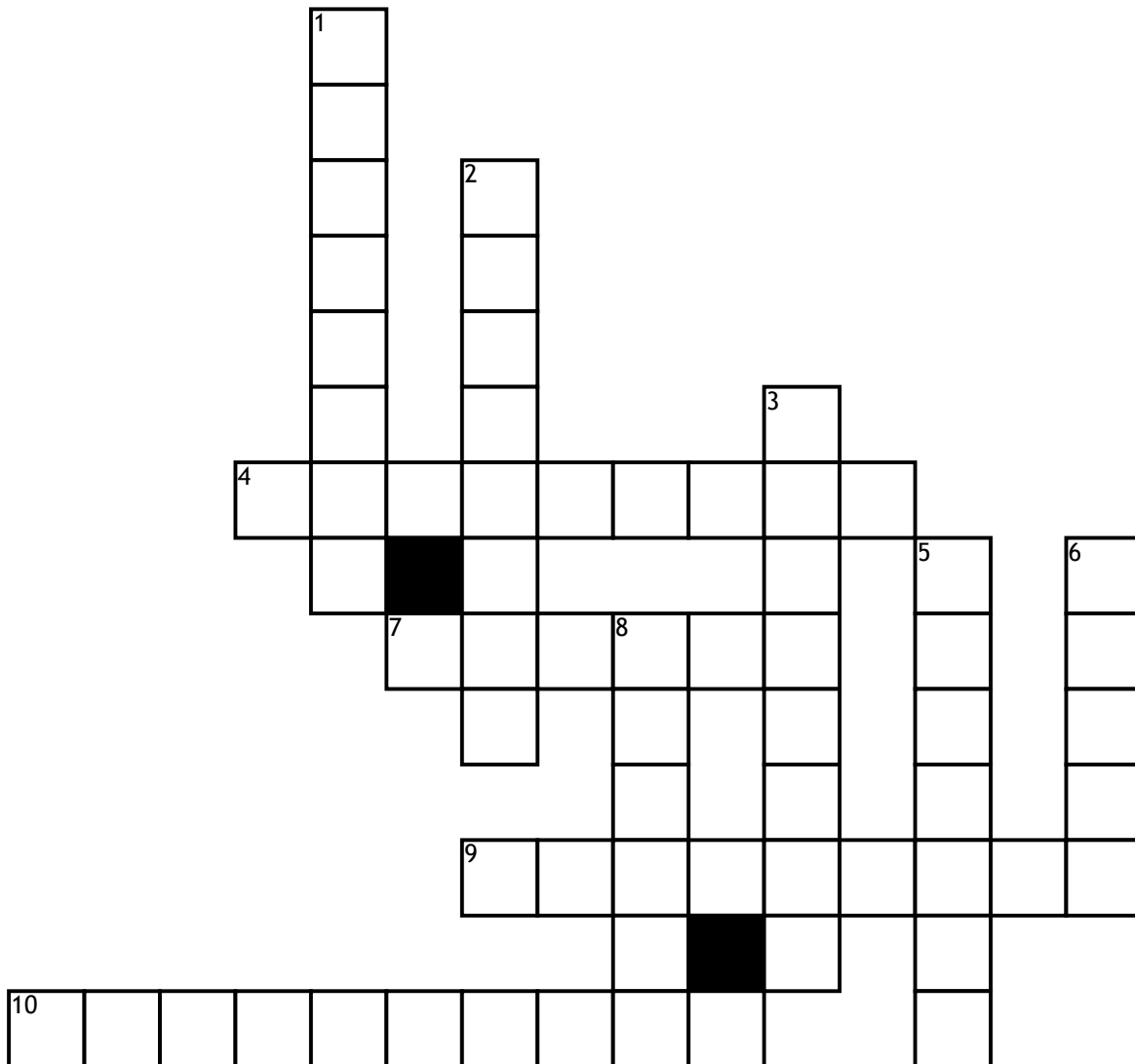


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Rocks



## Across

4. is converted into quartzite through heating and pressure usually related to tectonic compression within orogenic belts.

7. a metamorphic rock composed of recrystallized carbonate minerals, most commonly calcite or dolomite

9. is a hard, non-foliated metamorphic rock which was originally pure

10. a dense, coarse-grained igneous rock, consisting mostly of the minerals olivine and pyroxene.

## Down

1. are a group of rock-forming tectosilicate minerals that make up as much as 60% of the Earth's crust

2. a naturally occurring volcanic glass formed as an extrusive igneous rock.

3. an extrusive igneous, volcanic rock, of intermediate composition, with aphanitic to porphyritic texture.

5. a common type of felsic intrusive igneous rock that is granular and phaneritic in texture.

6. is a fine-grained, clastic sedimentary rock composed of mud that is a mix of flakes of clay minerals and tiny fragments (silt-sized particles) of other minerals, especially quartz and calcite.

8. a common extrusive igneous (volcanic) rock formed from the rapid cooling of basaltic lava exposed at or very near the surface of a planet or moon