

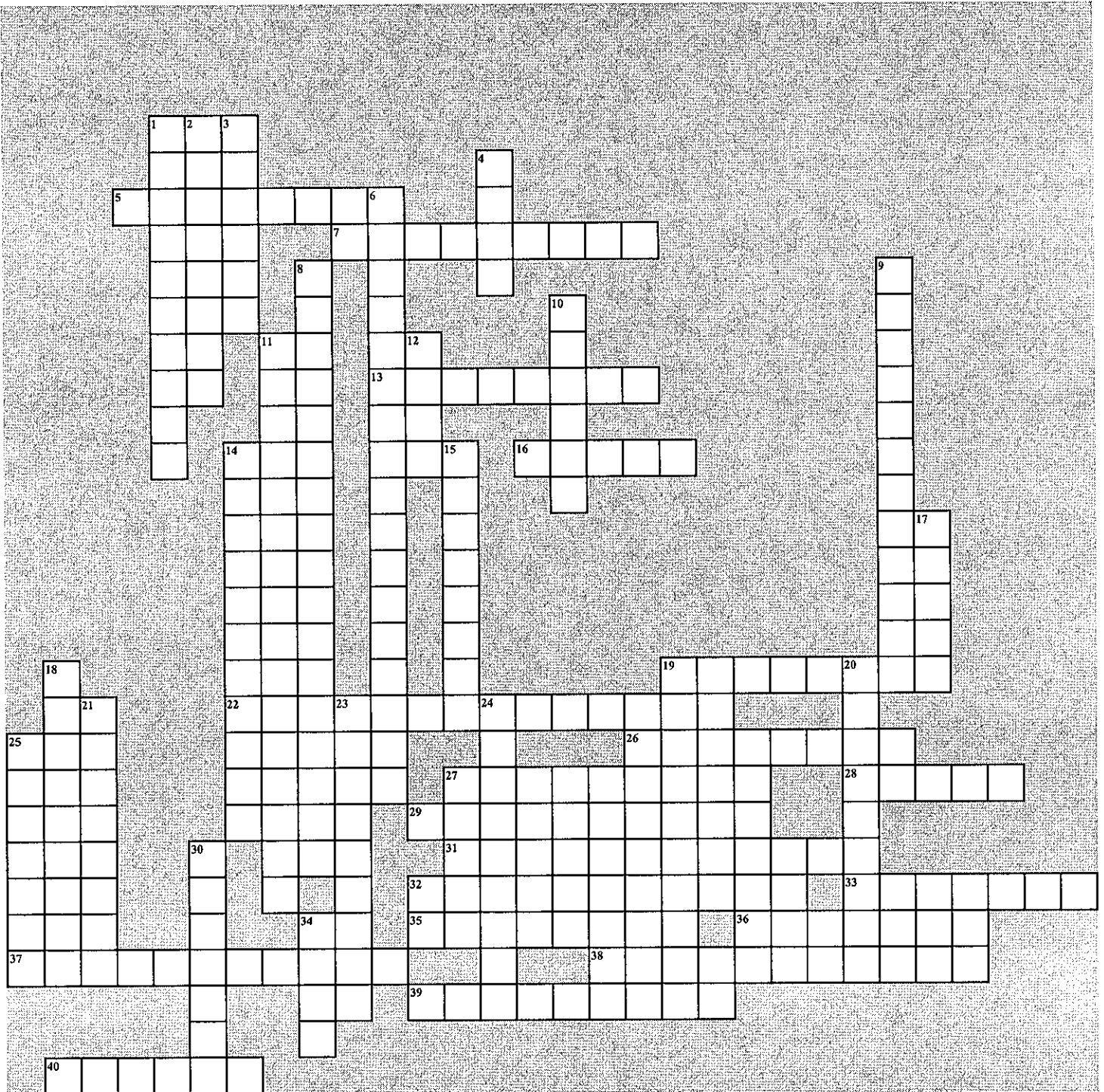
Name _____



Date _____
(Key # 1 - 757577)

7th Grade Vocabulary 4

Complete the crossword puzzle.



Across

- 5 describes generally light-colored, silica-rich igneous rock that is less dense than basaltic rock.
- 7 model that describes how rocks slowly change from one form to another through time (2 words)
- 13 to come together
- 16 a fracture in the Earth's lithosphere along which blocks of rocks move past each other
- 19 measure of how easily a mineral can be scratched.
- 22 theory that Earth's crust and upper mantle are broken into plates that float and move around on a plastic like layer of the mantle. (2 words)
- 26 describes dense, dark-colored igneous rock formed from magma rich in magnesium and iron and poor in silica.
- 27 describes a type of igneous rock that generally contains large crystals and forms when magma cools slowly beneath Earth's surface.
- 28 a thin outer layer of rock above a planet's mantle, including all dry land & ocean basins
- 29 a smaller earthquake that follows a more powerful earthquake in the same area
- 31 a process in which the shaking of the ground causes loose, wet soil to act like a liquid.
- 32 describes metamorphic rock, such as quartzite or marble, whose mineral grains grow and rearrange but generally do not form layers.
- 33 a water wave caused by an earthquake, volcanic eruption, or landslide
- 35 physical property of some minerals that causes them to break along smooth, flat surfaces.
- 36 naturally occurring inorganic solid that has a definite chemical composition and an orderly internal atomic structure.
- 37 forms when sediments are compacted and cemented together or when minerals form from solutions.
- 38 an instrument that constantly records ground movement

- 39 describes fine-grained igneous rock that forms when magma cools quickly at or near Earth's surface.
- 40 describes the way a mineral reflects light from its surface; can be metallic or nonmetallic.

Down

- 1 the shaking of the ground caused by the sudden movement of large blocks of rocks along a fault
- 2 portion of Earth's crust that lies beneath ocean waters
- 3 the layer of rock between the Earth's outer core & crust in which rock is hot enough to flow in convection currents
- 4 mixture of one or more minerals, rock fragments, volcanic glass, organic matter, or other natural materials
- 6 current in Earth's mantle that transfers heat in Earth's interior and is the driving force for plate tectonics (2 words)
- 8 Hess's theory that new seafloor is formed when magma is forced upward toward the surface at a mid-ocean ridge. (2 words)
- 9 the vibrations caused by an earthquake (2 words)
- 10 color of a mineral when it is in powdered form.
- 11 Wegener's hypothesis that all continents were once connected in a single large landmass that broke apart about 200 million years ago and drifted slowly to their current positions. (2 words)
- 12 the centermost layer of the Earth, a solid sphere of metal, mostly iron & nickel.
- 14 rock which forms when heat, pressure, or fluids act on igneous, sedimentary, or other metamorphic rock to change its form or composition, or both
- 15 physical property of some minerals that causes them to break with uneven, rough, or jagged surfaces.
- 17 in an earthquake, the point underground where the rocks first begin to move.

- 18 measure of earthquake size: a measure of the energy of an earthquake, specified on the Richter scale
- 20 the point on the Earth's surface directly above the focus of an earthquake
- 21 describes metamorphic rock, such as slate and gneiss, whose mineral grains line up in parallel layers.
- 23 to convert or change
- 24 one of the six or seven great divisions of land on the globe
- 25 rock formed when magma or lava cools and hardens.
- 30 to move apart
- 34 molten rock that flows from volcanoes onto Earth's surface.