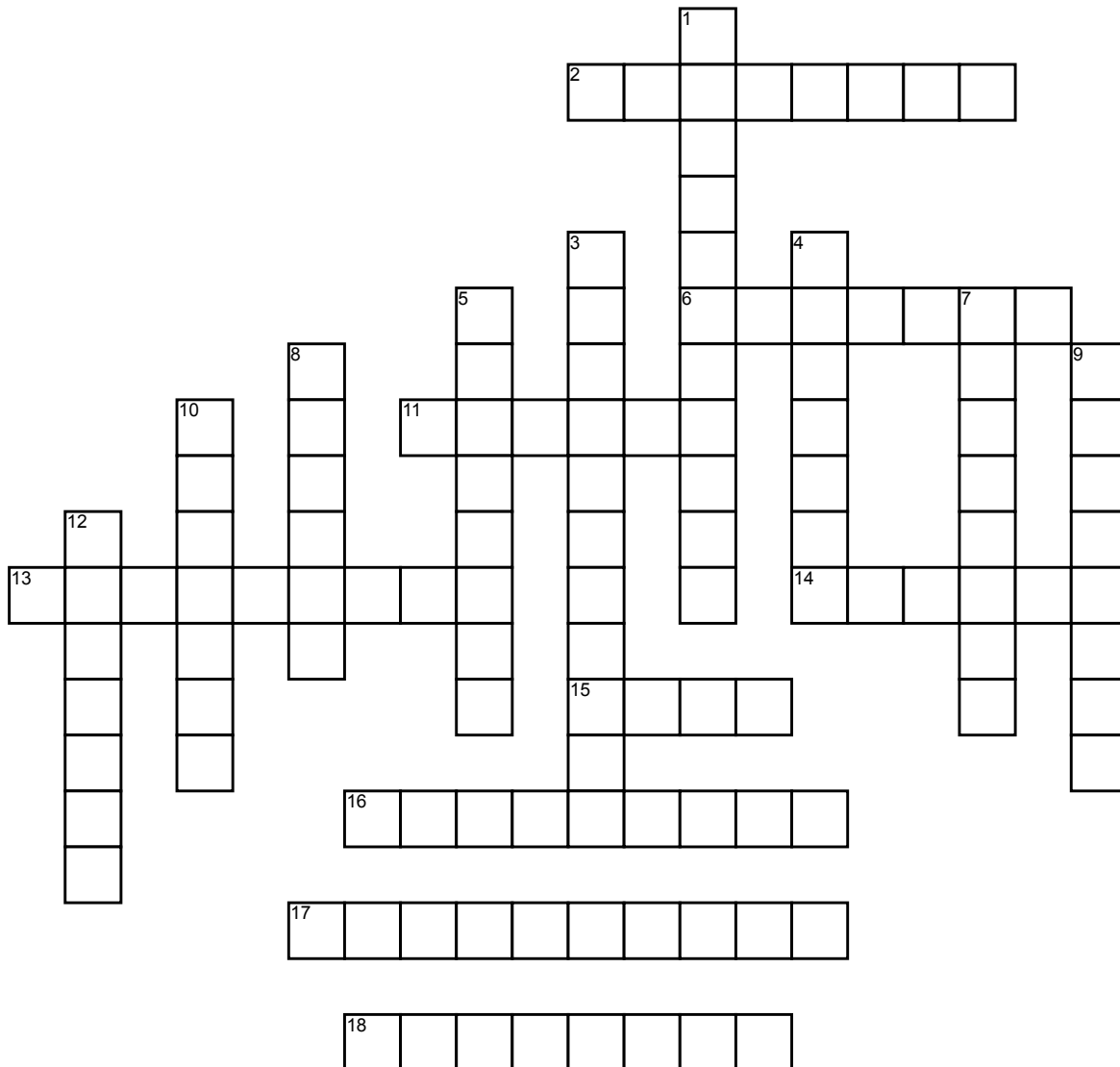


The Rock Cycle Crossword



Across

- 2.** a precious stone consisting of a violet or purple variety of quartz
- 6.** the action of surface processes that removes soil, rock, or dissolved material from one location on the earth's crust, and then transports it to another location.
- 11.** a dark fine-grained volcanic rock that sometimes displays a columnar structure, typically composed largely of plagioclase with pyroxene and olivine
- 13.** a hard sedimentary rock, composed mainly of calcium carbonate or dolomite, used as building material and in the making of cement.
- 14.** a metamorphic rock with a banded or foliated structure, typically coarse-grained and consisting mainly of feldspar, quartz, and mica
- 15.** the quality of being hot; high temperature

- 16.** an idealized cycle of processes undergone by rocks in the earth's crust
- 17.** breaking down of rocks, soil, and minerals as well as wood and artificial materials through contact with the earth's atmosphere, water, and biological organisms
- 18.** relating to the structure of the earth's crust and the large-scale processes which take place within it.

Down

- 1.** types of rock that are formed by the deposition and subsequent cementation of mineral or organic particles on the floor of oceans or other bodies of water at the earth's surface
- 3.** denoting or relating to rock that has undergone transformation by heat, pressure, or other natural agencies
- 4.** become or make less hot

- 5.** a sand-sized particle or sand grain that is made up of multiple grains that are connected on the grain scale
- 7.** formed when lava hardens quickly, has a glassy texture
- 8.** a hard mineral consisting of silica, found widely in igneous and metamorphic rocks and typically occurring as colourless or white hexagonal prisms. It is often coloured by impurities (as in amethyst, citrine, and cairngorm).
- 9.** continuous physical force exerted on or against an object by something in contact with it
- 10.** having solidified from lava or magma
- 12.** a precious stone consisting of a clear and colourless crystalline form of pure carbon, the hardest naturally occurring substance.