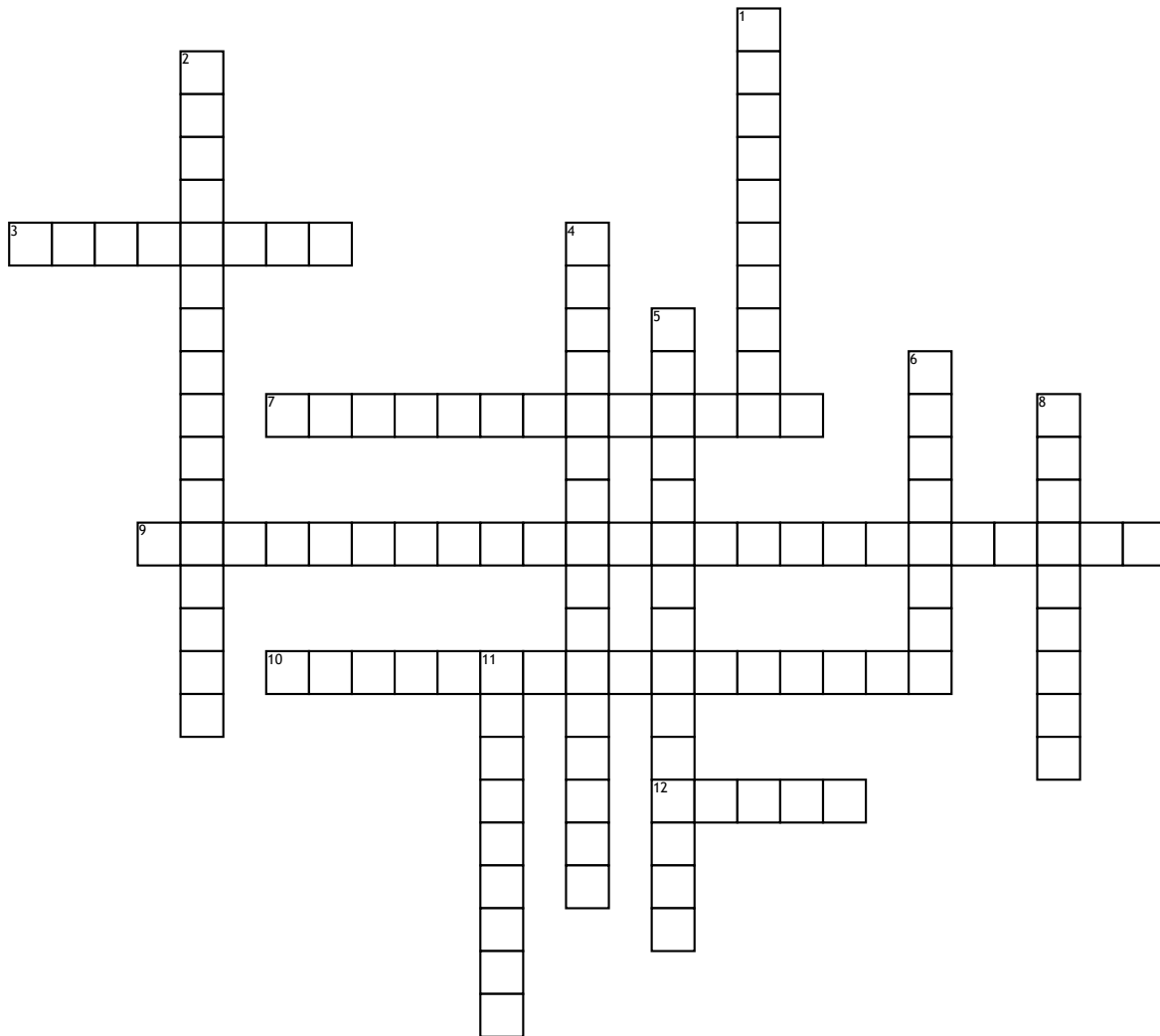


# Minerals



## Across

**3.** elements or compounds of elements that occur naturally in Earth's crust

**7.** the extraction of mineral and energy resources near Earth's surface by first removing the soil, subsoil, and overlying rock strata

**9.** a manufacturing system based on industrial waste minimization

**10.** the extraction of mineral and energy resources from deep underground deposits

**12.** conservation of the resources in used items by using them over and over again

## Down

**1.** soil and rock overlying a useful mineral deposit

**2.** any undiscovered mineral deposits or known deposits of low grade ore that are currently unprofitable to extract

**4.** pollution caused when sulfuric acid and dangerous dissolved materials such as lead, arsenic, and cadmium wash from mines into nearby lakes and streams

**5.** mineral deposits that have been identified and are currently profitable to extract

**6.** the process in which ore is melted at high temperatures to separate impurities from the molten metal

**8.** a hill of loose rock created when the overburden from a new trench is put into the already excavated trench during strip mining

**11.** conservation of the resources in used items by converting them into new products