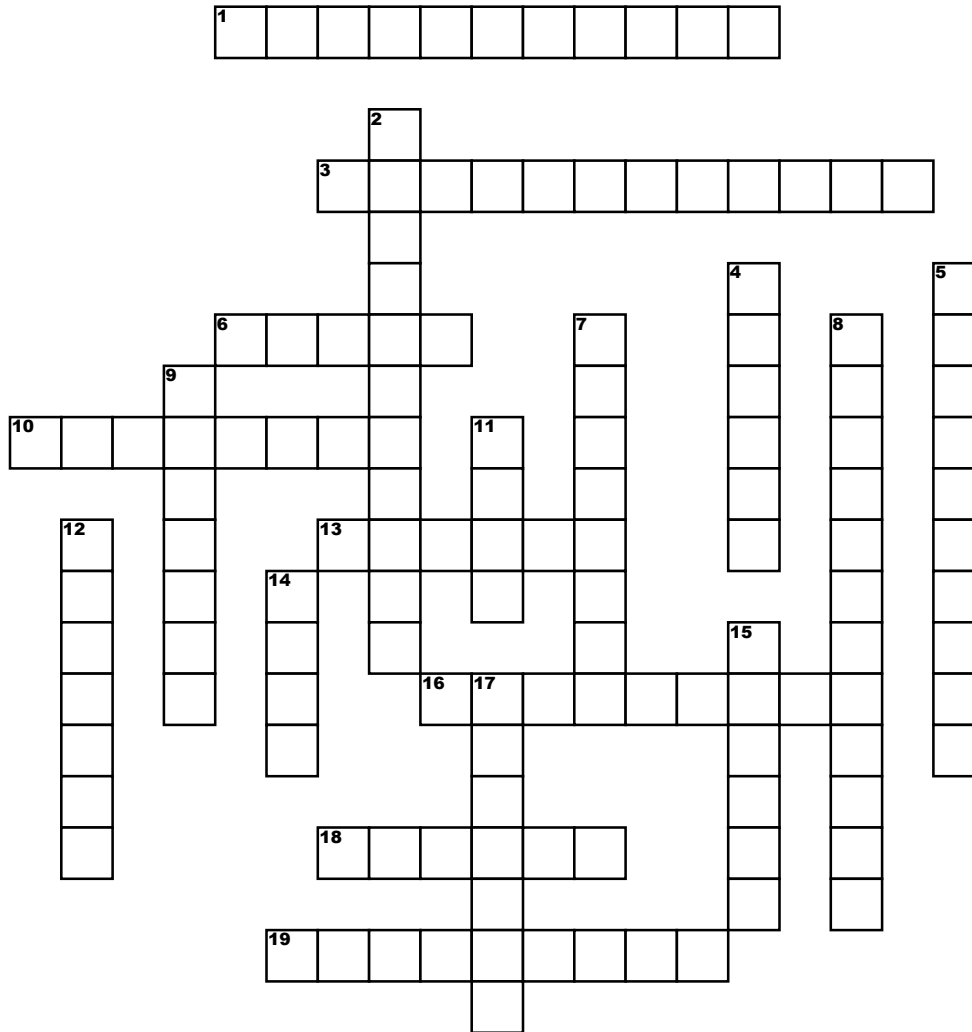


# Rock puzzle



**Across**

- 1. Rock type that is changed by heat and pressure
- 3. Process of heating and squashing a non-metamorphic rock
- 6. Erupted out of a volcano
- 10. Type of volcanic glass
- 13. Rock that is formed from molten lava that has cooled quickly
- 16. Marble's 'parent rock'

- 18. Formed with great pressure on granite

- 19. Type of rock that is formed from magma

**Down**

- 2. This rock was made by compacted layers of sediments
- 4. Scientific name for 'fool's gold'
- 5. Erosion with elements
- 7. Type of rock that would most likely hold the leaf of a prehistoric fern

- 8. Coarse-grained sedimentary rock

- 9. Type of rock that contains inorganic matter

- 11. What are bricks made from?

- 12. Scientific name for 'Breaking apart'

- 14. Rock that was formed by organic plant matter

- 15. Organism's remains preserved in a rock

- 17. Rock type made from molten metal

**Word Bank**

- |              |             |             |              |           |
|--------------|-------------|-------------|--------------|-----------|
| Metamorphism | Clay        | Erosion     | Basalt       | Igneous   |
| Obsidian     | Pyrite      | Mudstone    | Limestone    | Magma     |
| Weathering   | Mineral     | Fossil      | Gniess       | Intrusive |
| Coal         | Metamorphic | Sedimentary | Conglomerate |           |