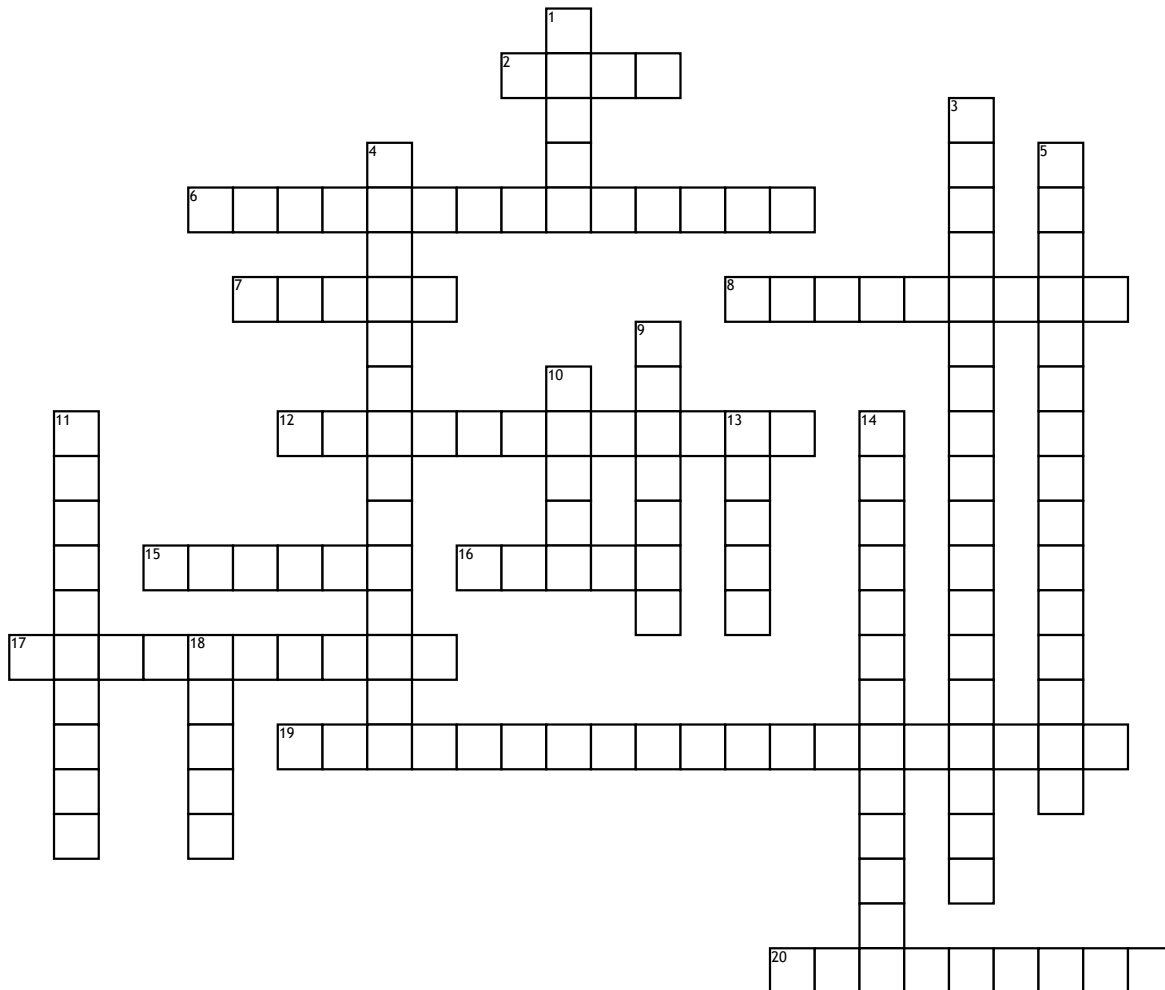


Name: _____

Date: _____

Ag Mech Concrete Crossword



Across

2. Known as a fine aggregate
 6. Portland cement was named for the _____.
 7. Length x _____ x thickness will give you volume.
 8. Large magnesium float that has an extendable handle. Used after the concrete has been freshly poured
 12. Concrete is mixed in a batch at a central plant and transported by a truck
 15. Gravel/Rock are known as _____ aggregates
 16. Concrete is strongest when it is allowed _____ curing time

17. Used to smooth the surface of the concrete shortly after pouring
 19. Reduce amount of water required to make concrete workable
 20. Which float is good for things like sidewalks and other outdoor walking surfaces?

Down

1. The less _____ used the stronger the concrete is.
 3. Help speed curing times; allow concrete to gain strength earlier in finishing process
 4. _____ is not a brand name, but the generic term for the type of cement used in virtually all concrete.

5. Helps slow down the curing times in concrete
 9. Tool used to make control joints
 10. _____ is rough measurement of concrete's consistency and work-ability
 11. Used to minimize expansion and contraction during hot weather and thus avoid cracking.
 13. Tool that leaves a rounded corner on the edges of concrete.
 14. Microscopic bubbles of air inserted as "shock absorbers"
 18. Type of cement that is a general purpose and the most common type.