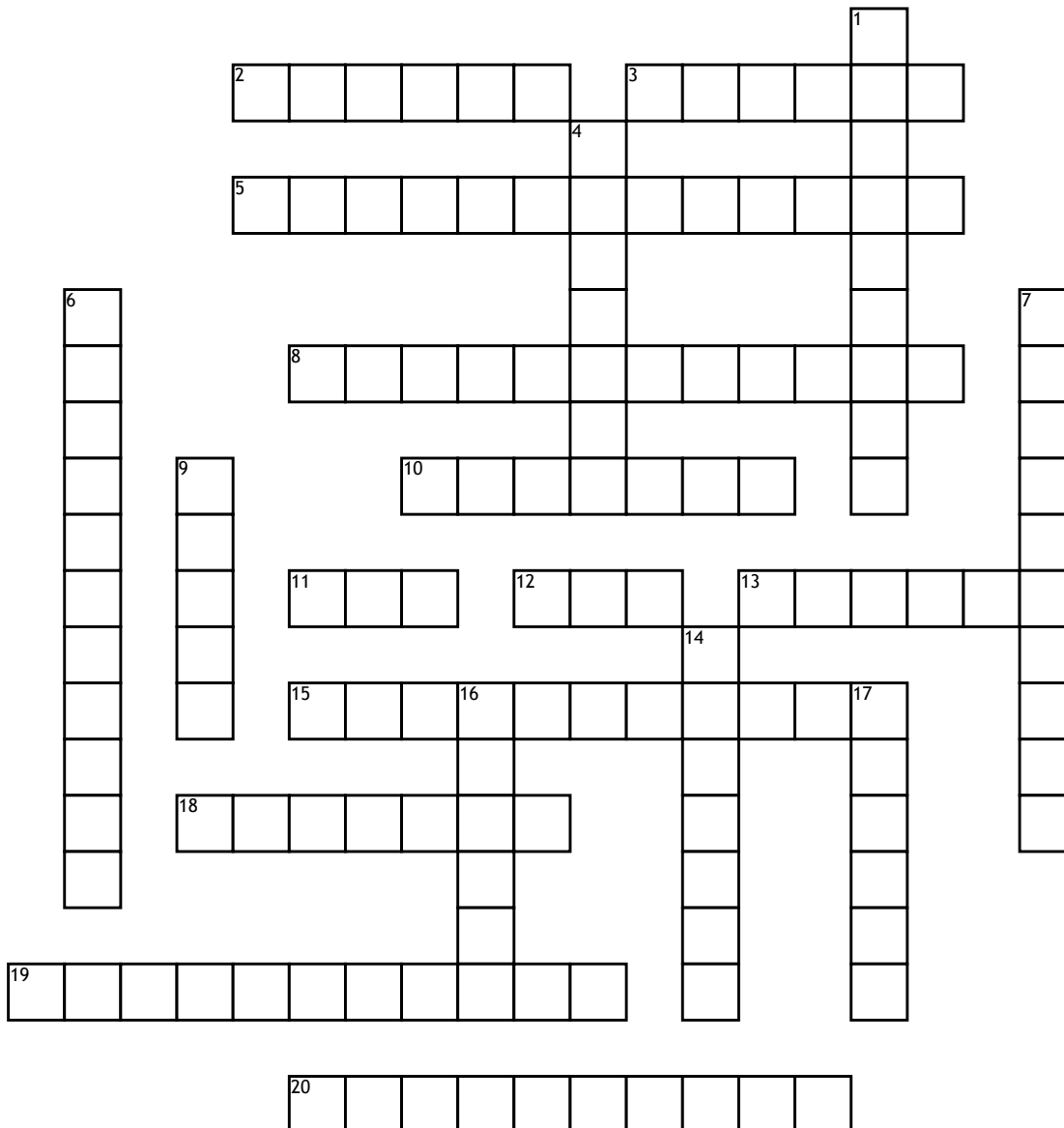


teckzite 2k18 mme



Across

- 2. a composite material with metal and ceramic is
- 3. Alloying element that decreases eutectoid temperature in Fe-C system
- 5. The energy associated with surface defects is the maximum for aluminum is due to
- 8. What is the crystal system of cementite
- 10. the cubic structure which has 34% packing fraction
- 11. In which crystal strain hardened rapid

- 12. (111) is densely packed plane in
- 13. length of metal that has a round or square cross-section, with an area less than 36 in² (230 cm²) is
- 15. shape memory alloys depends on this transformation
- 18. temporary shutdown of blast furnace is
- 19. which treatment of steel gives bainite as the final structure
- 20. Engineering stress-strain curve and True stress-strain curve are equal up to

Down

- 1. PbCO₃ is named as

- 4. this is a Refractory metal
- 6. Dependence of yield stress on path and direction is named after which engineer
- 7. Usual casting method for making dental crowns
- 9. HCP single crystal favours this mechanism
- 14. it is the lightest metal in periodic table
- 16. physical quantity which has no specific direction but different values in different direction.
- 17. First metal known to be used by man