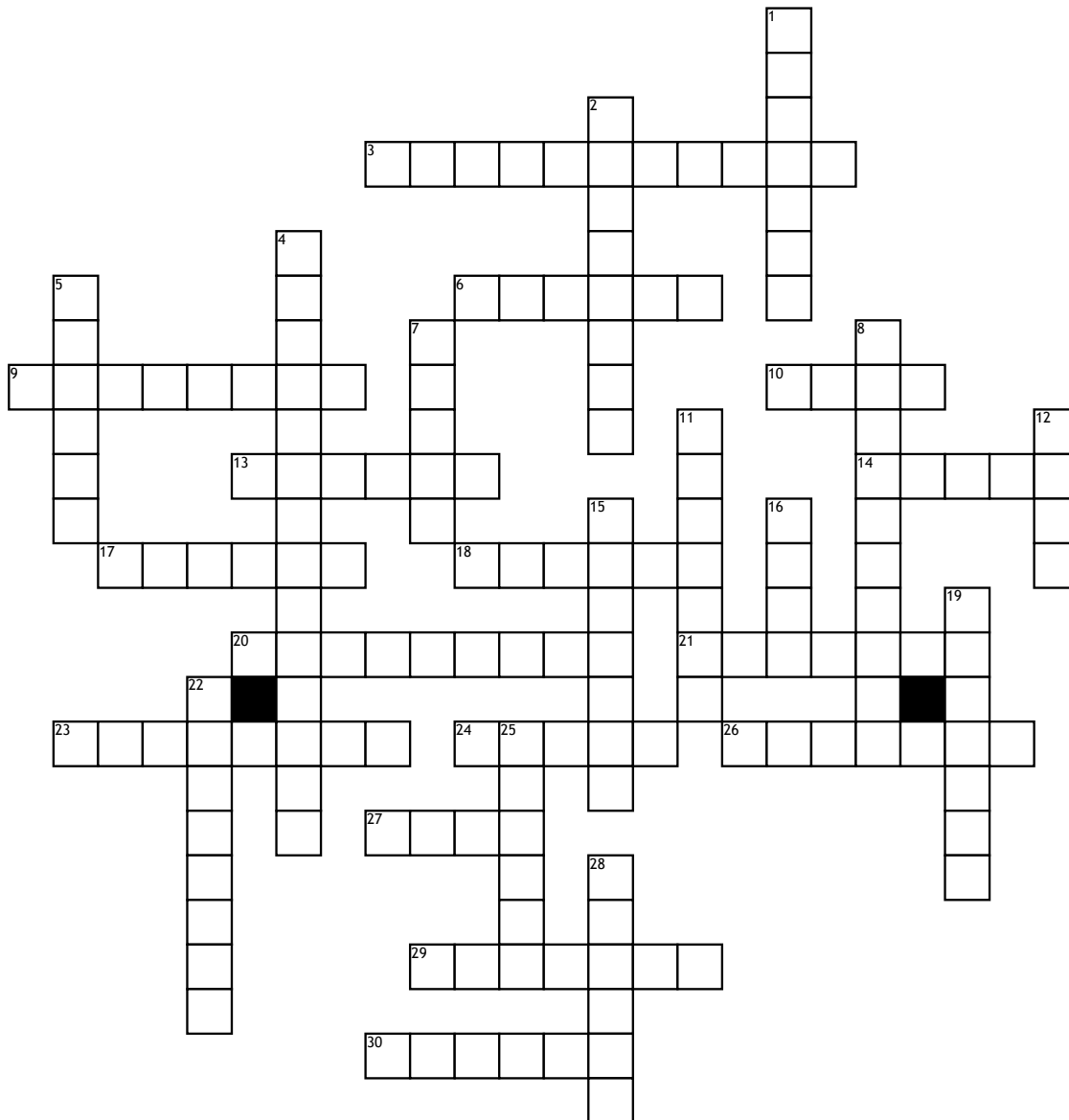


Tulip City Gem and Mineral Club Christmas Crossword



Across

3. Minerals that glow in UV
 6. Mines under Grand Rapids
 9. Mike Larson's birthday
 10. Hardness scale
 13. Popular collecting tool
 14. Hot mineral flow underground
 17. Don't be fooled by this one
 18. Valuable mineral found in the Keweenaw
 20. Someone who collects rocks
 21. Santa works up a big _____ on Christmas Eve

23. Newly discovered mineral along the Superior shore
 24. beautiful stone with fortification lines
 26. Rocks showing evidence of previous life
 27. Rock for bad boys and girls
 29. Hardest mineral
 30. rock that floats

Down

1. Don't take it for _____ you'll get toys for Christmas
 2. Michigan state stone
 4. State gemstone

5. Location of popular geodes
 7. Most common earth mineral
 8. Small collectable minerals
 11. Where the Geology Trail is located
 12. Mines under Detroit
 15. green-colored mineral found in copper country
 16. Hot flow above ground
 19. Study of Earth
 22. State fossil
 25. Very heavy mineral
 28. Round hollow rocks