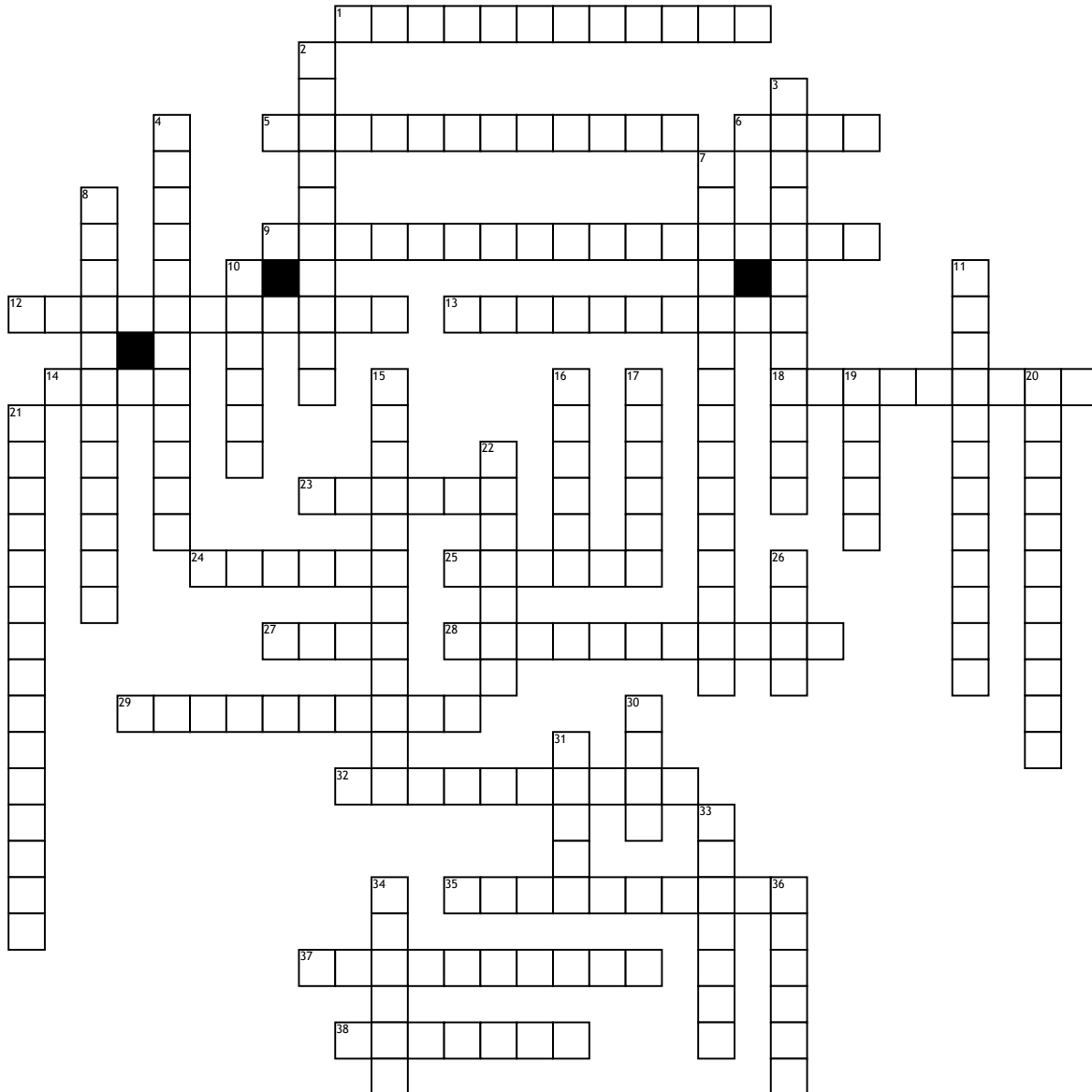


7.1 Warming and Cooling



Across

1. the coldest possible temperature
5. Wires made of two different metals that are twisted together (the tips are heated creating a small electrical current).
6. The degree at which ice melts at sea level.
9. Anything that is warmer than absolute zero gives off _____.
12. Can judge the temperature of the stars by the colour of light they emit.
13. The Canadian record high of 45 degrees Celsius was recorded where?
14. Opposite of dangerous
18. To paint or etch lines on the thermometer and place the numbers in the correct positions.
23. The Greek word for temperature or heat.
24. _____ Celsius (1701-1704)
25. High altitudes = _____ temperature to melt ice.
27. The record Canadian low temperature of -62.8 degrees Celsius was recorded where?
28. Theories to explain the behavior of gases at different temperatures resulted in a new scale.
29. temperature is affected by the weight of the _____ pressing down on water.
32. Where does a parent test the temperature of milk/juice?

35. The degree at which liquid water boils at sea level.
 37. Evenly spaced lines that allow you to read exact temperatures.
 38. Units of temperature on the Kelvin Scale.
- ## Down
2. Another temperature scale used in Canada until the 1970's.
 3. The temperature scale commonly used in Canada.
 4. Mechanical or electrical devices for measuring temperature.
 7. Temperature affects the _____ of materials.
 8. Thermometers, stoves, refrigerators and other _____ are examples of how we rely on temperature every day.
 10. The _____ of the gas or liquid in the thermometer becomes smaller as the temperature drops.
 11. Another term for Recording Thermometers.
 15. The colour at the bottom of glacier (7.3)
 16. What sense do we use to estimate temperature?
 17. What profession can estimate when a flame is hot enough to soften metal based on sight?
 19. High pressure= _____ temperature to melt ice.
 20. Warm/Cool

21. Two different metals joined firmly together. One metal expands more than the other, and one metal contracts more than the other.
22. Invented the air thermometer around 1600.
26. Portable thermometers were made by putting the liquid in the _____ and part way up the stem.
30. Volume cannot go to zero because gas or liquid has _____.
31. The Greek word for writing.
33. What type of thermometers are seldom used in school, because if they break, they release vapors that are poisonous.
34. The numbers or markings that indicate a precise temperature.
36. A unit of temperature.