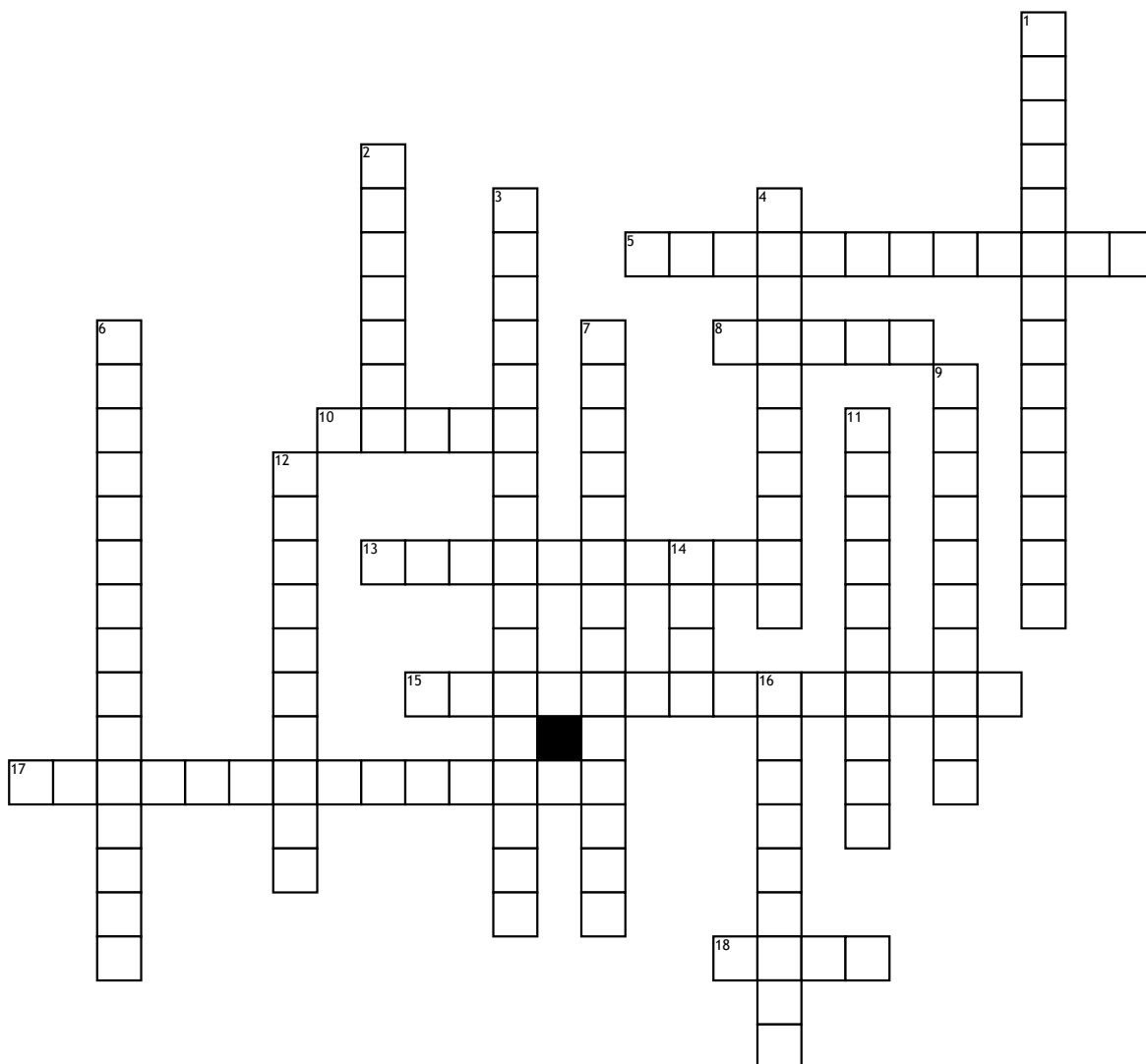


Waves



Across

5. Mass of ocean water that flows from one place to another
8. The distance the wind has traveled across open water
10. The accumulation of sediment found along the shore of a lake or ocean
13. The vertical distance between the troughs and crests of a wave
15. The movement of the water that flows horizontally in the upper part of the ocean's surface
17. The apparent deflective force of Earth's rotation on all free moving objects
18. Daily change in elevation of the ocean surface

Down

1. A low, elongated ridge of sand that parallels the coast
2. Lowest tidal range, occurring near 1/4 and 3/4 of the moon's phases
3. A near-shore current that flows parallel to the shore
4. The horizontal distance separating successive crest or troughs
6. Current of ocean water that results from density differences among ocean masses
7. The process by which the portion of a wave in shallow water slows, causing the wave to bend and tend to align itself with underwater contours

9. The difference in height between successive high and low tides
11. The time interval between the passage successive crest at a stationary points
12. The highest tidal range that occurs due to the alignment of Earth, the Moon, and the Sun
14. The large circular surface pattern found in each ocean
16. The rising of cold water from deeper layers to replace warmer surface water that has been moved away