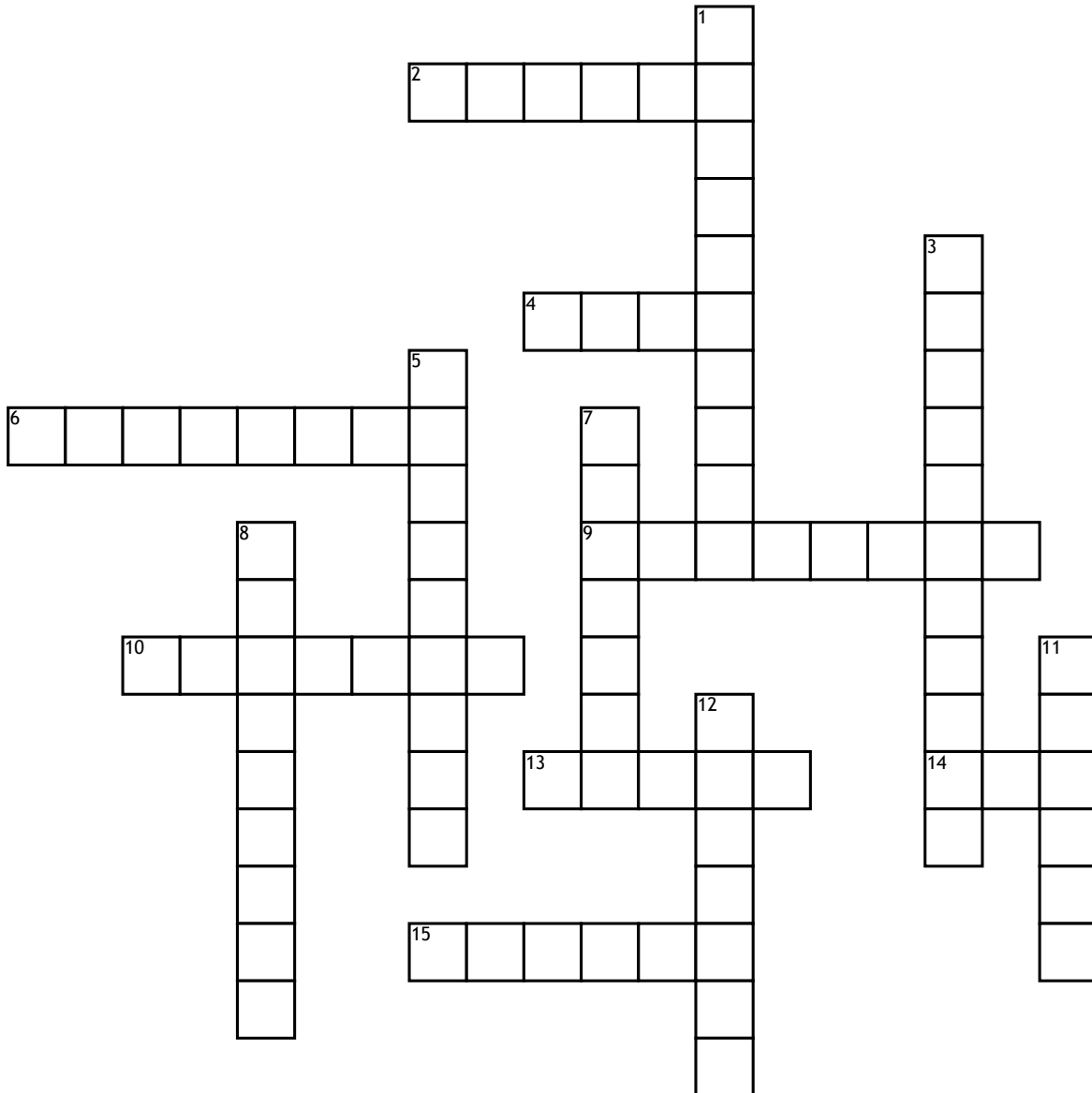


Discovering the UNIVERSE



Across

2. THE OUTERMOST LAYER OF THE SUN'S ATMOSPHERE
 4. THE CENTRAL PORTION OF ANY ASTRONOMICAL OBJECT
 6. THE ANUAL PATH OF THE SUN ON THE CELESTIAL SPHERE; THE PLANE OF EARTH'S ORBIT AROUND THE SUN
 9. THE POINT IN ITS ORBIT WHERE A PLANET OR SOLAR SYSTEM BODY IS FARTHEST FROM THE SUN
 10. THE TENDENCY OF ALL MATTER AND ENERGY TO ATTRACT ALL OTHER MATTER

13. THE CENTRAL, COMPLETELY DARK PORTION OF A SHADOW
 14. SUPERMASSIVE BLACK HOLES IN THE CORES OF SOME GALAXIES THAT EMIT PARTICLES AND RADIATION

15. A STARLIKE OBJECT WITH A VERY LARGE REDSHIFT

Down

1. THE DISTANCE BETWEEN TWO SUCCESSIVE PEAKS IN A WAVE
 3. A VERY COMPACT, DENSE STELLAR REMNANT COMPOSED ALMOST ENTIRELY OF NEUTRONS

5. THE GRADUAL ACCUMULATION OF MATTER BY AN ASTRONOMICAL BODY, USUALLY CAUSED BY GRAVITY
 7. THE SEQUENCE OF STELLAR SPECTRAL CLASSIFICATIONS FROM HOTTEST TO COOLEST STARS
 8. HYPOTHETICAL PERFECT RADIATOR THAT ABSORBS AND REEMITS ALL RADIATION FALLING UPON IT
 11. THE POINT IN A CELESTIAL SPHERE DIRECTLY OVERHEAD
 12. TYPE OF PULSATING STAR WITH A PERIOD LESS THAN 1 DAY