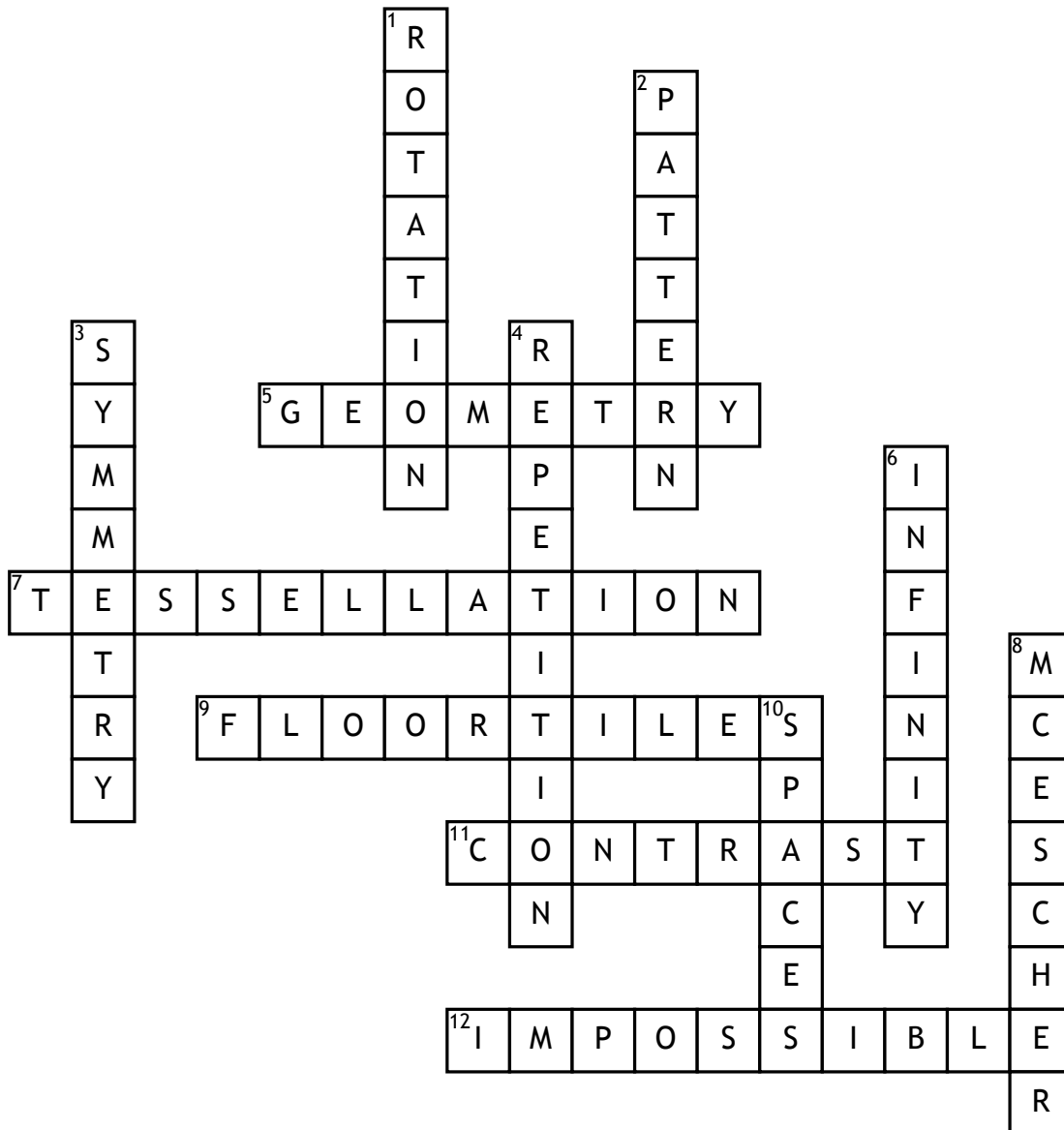


M.C. Escher & Tessellations



Across

5. Escher used g_____ (a type of Math) to figure out his tessellations.
7. A collection of individual units that fit together without any gaps or overlaps.
9. Bricks, honeycomb, and f_____ t_____ are examples of tessellations around you.
11. In a tessellation many times the two objects c_____ in color and meaning. Hint: like black fish turning into white birds.

12. The Penrose triangle is an example of an i_____ object.

Down

1. Turning an object on a point or line. Hint: the Earth does this on its axis every day.
2. Escher created p_____ in his work by repeating shapes. Hint: it's a principle of design.
3. A type of balance where an object looks the same on both sides.

4. You create r_____ when you use the same object over and over again.

6. Escher used cones, spheres, and spirals that had an endless perspective also called i_____.

8. A master artist who is famous for his tessellations.

10. In a tessellation there are no _____ between objects.