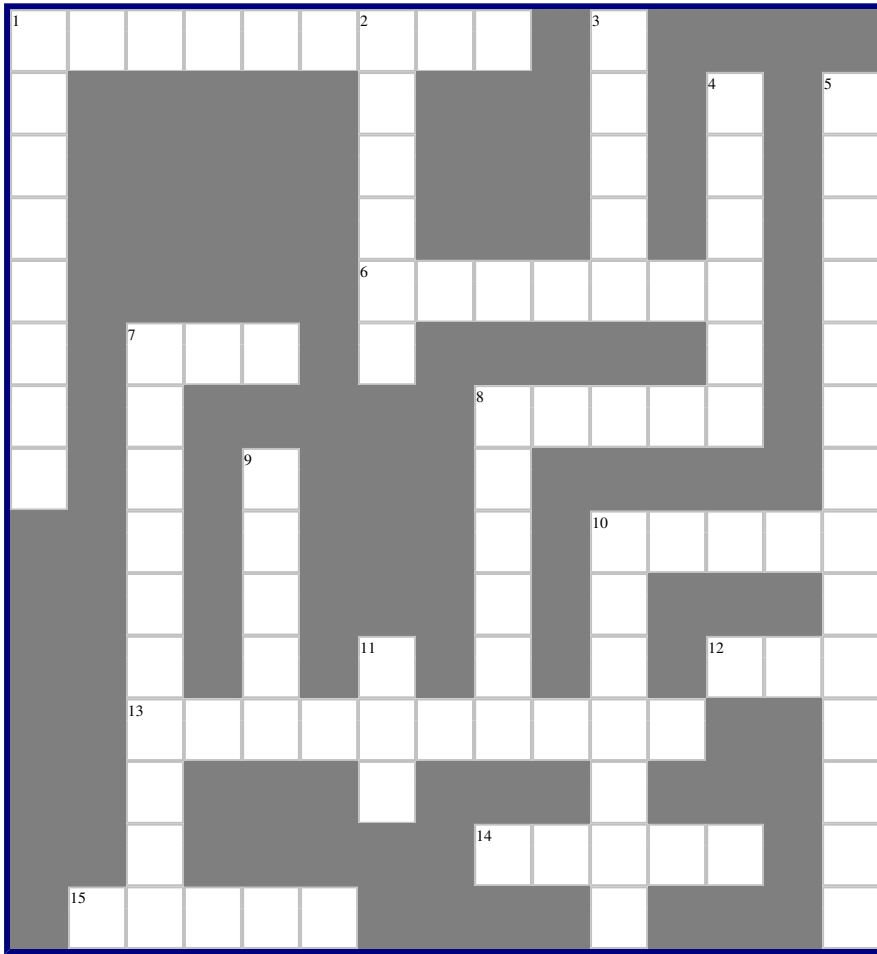


# 9L - Pressure and Moments



## Across

1. Tiny pieces of matter (9)
6. The opposite of an operation or action (7)
7. The gaseous layer surrounding the planet Earth (3)
8. A point about which something turns - a lever for example (5)
10. Something that causes an object to change speed or direction (5)
12. The state of matter where particles are far apart and move quickly (3)
13. Transmission of compressive forces by a liquid (10)
14. A gas or liquid (5)
15. The height of liquid in a container (5)

## Down

1. The total force applied divided by the area on which it acts (8)
2. The state of matter where particles are close together but can move past each other (6)
3. The contents of the Earth's oceans (5)
4. Torque - the product of the applied force and the perpendicular distance to the axis (6)
5. Totally resistant to being squashed (14)
7. The gaseous layer on a planet (10)
8. The unit of pressure - one newton per square metre (6)
9. The state of matter where particles are close together and cannot move past each other (5)
10. A point about which something turns - a seesaw for example (7)
11. Something that prevents the natural flow of a river (3)