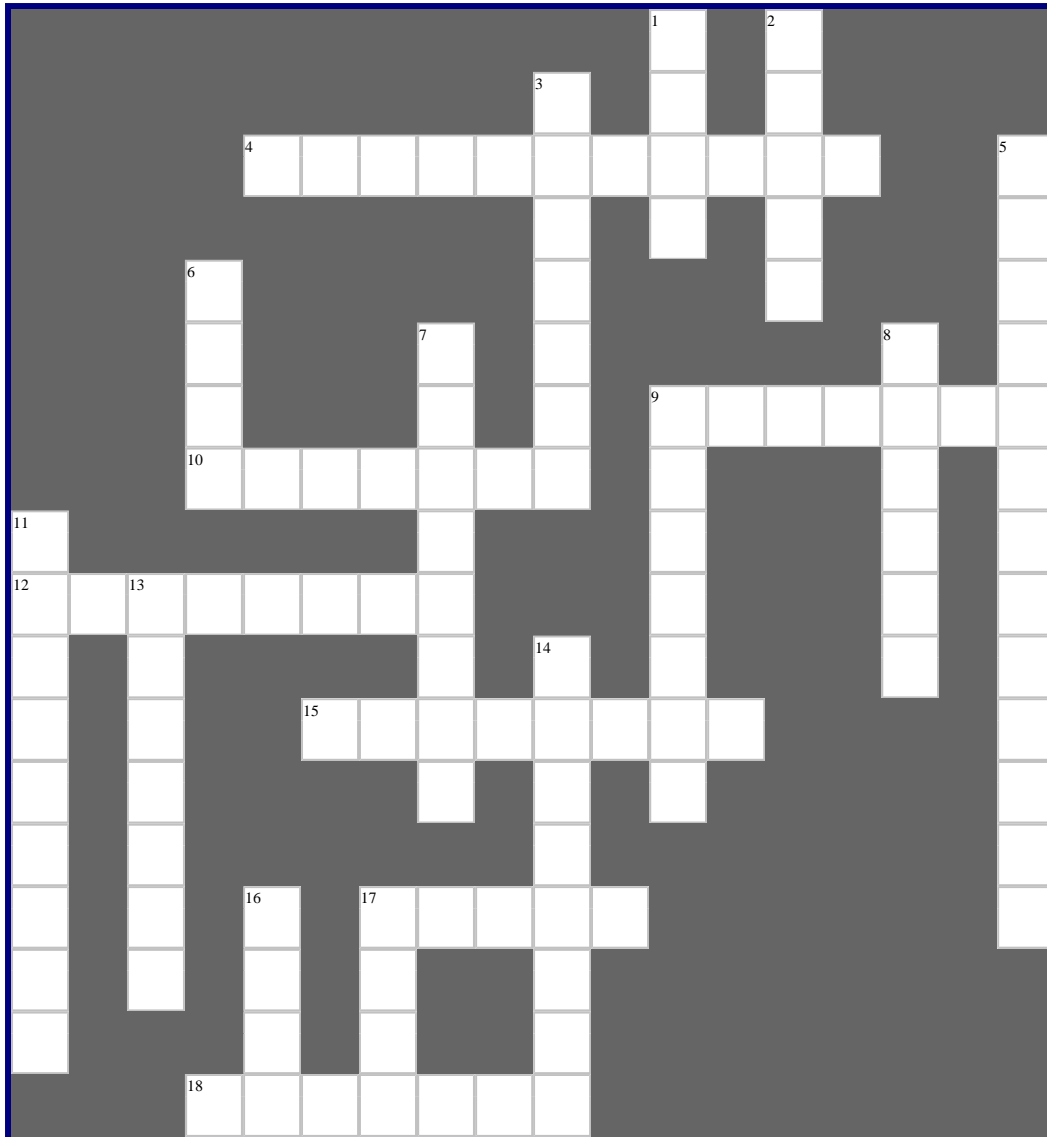


# 7K - Forces

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## Across

4. When you stand on a brick it is said to be in ... (11)
9. This means to put in compression. (7)
10. This gives everything its weight on Earth, or anywhere else. (7)
12. Another word for buoyancy. (8)
15. Another word for the upthrust force. (8)
17. Acronym for mass over volume equals density. (5)
18. This means that it returns to its original shape when deformed. (7)

## Down

1. Force to move something away from you. (4)
2. A substance with a lower density than a given fluid will ... (5)
3. "Heaviness", something's mass divided by its volume. (7)
5. Friction force as you go through the atmosphere (3,10) (13)
6. Air resistance and water resistance are both examples of ... (4)
7. This force opposes motion. (8)
8. The force on a mass due to gravity. (6)
9. This means to pull something apart. (7)
11. Fluid that reduces friction between surfaces. (9)
13. When a wire is pulled it is said to be in ... (7)
14. Iron, cobalt and nickel are all... (8)
16. Force to bring something towards you. (4)
17. An object's property that makes it hard to change its motion. (4)