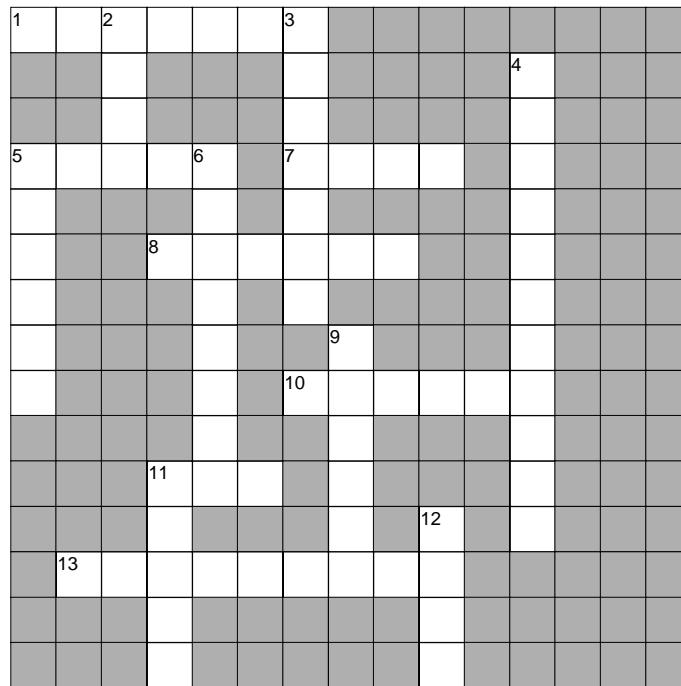


Pressure



Across

1. Gemstone formed under extreme pressure.[7]
5. A ____ knife exerts more pressure than a blunt one.[5]
7. The air pressure above an aircraft wing is ____ than below the wing.[4]
8. One Pascal is one ____ per square metre.[6]
10. A ____ chop exerts more pressure than an open-handed punch.[6]
11. If a force of 100 N was exerted over 10 square metres, what is pressure in Pascals?[3]
13. Physicist who studied air pressures.[9]

Down

2. Pressure is force divided by contact ____.[4]
3. Drivers of four wheel drive vehicles ____ tyres to reduce pressure when driving on sand.[7]
4. ____ pressure is measured in hectopascals.[11]
5. A Pascal is a Newton per ____ metre.[6]
6. Concentration of a force.[8]
9. Unit of pressure.[6]
11. What is pressure in Pa of a force of 15N over an area of 5 square metres?[5]
12. If a force of 50 Newtons was spread over 10 square metres, what is pressure in Pa?[4]