

# Pressure

<sup>1</sup> D	I	<sup>2</sup> A	M	O	N	<sup>3</sup> D									
		R				E					<sup>4</sup> A				
		E				F					T				
<sup>5</sup> S	H	A	R	<sup>6</sup> P		<sup>7</sup> L	E	S	S		M				
Q				R		A					O				
U			<sup>8</sup> N	E	W	T	O	N			S				
A				S		E					P				
R				S			<sup>9</sup> P				H				
E				U		<sup>10</sup> K	A	R	A	T	E				
				R			S				R				
			<sup>11</sup> T	E	N		C				I				
			H				A		<sup>12</sup> F		C				
	<sup>13</sup> B	E	R	N	O	U	L	L	I						
			E							V					
			E							E					

## Across

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

## Down

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