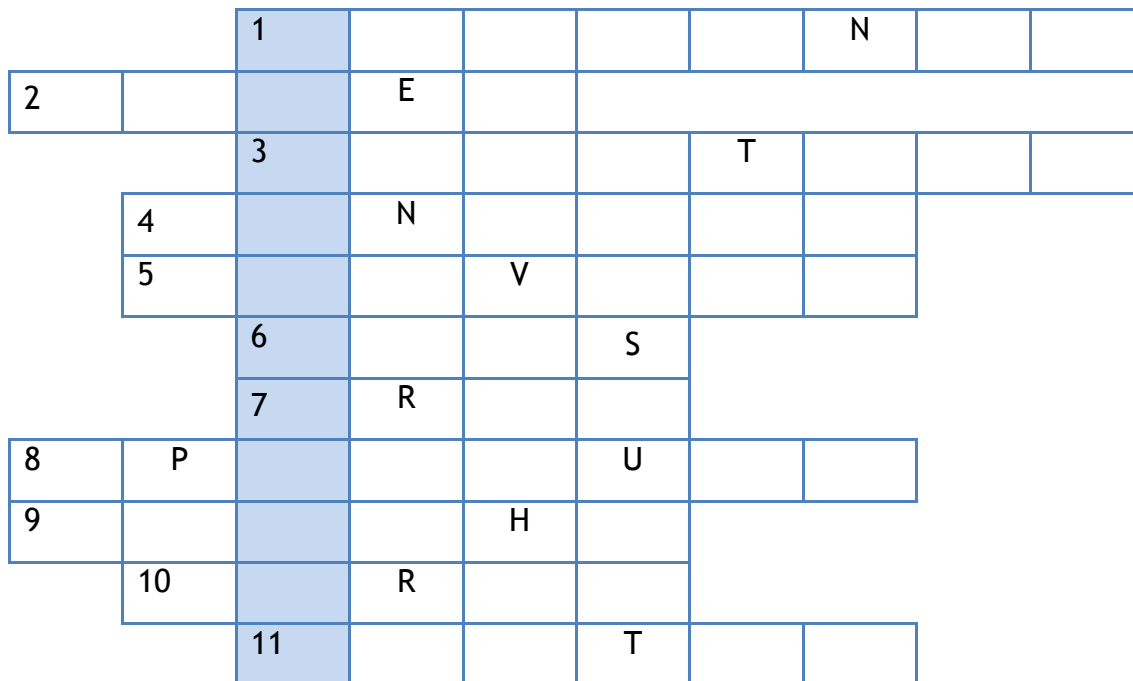


This crossword tests your knowledge about forces. Answer all the clues across to identify 1 down which describes the changing of shape due to a force.



**Clues across**

1. If this is divided by time it would indicate the speed of an object. (8)
2. The distance an object moves in a certain amount of time. (5)
3. Force opposing motion which is caused by the interaction of surfaces moving over one another. (8)
4. Describes the type of force that acts directly on an object. (7)
5. The force of attraction that objects have on one another. The larger the object the greater this force so the Earth itself has this attraction on all objects. (7)
6. The quantity of matter in an object. It is measured in grams or kilograms. (4)
7. If you divide the force by this you can calculate the pressure exerted by the force. (4)
8. Describes the force exerted by a liquid or a gas on a body floating in it. (8)
9. Describes the force of gravity on an object. (6)
10. Describes a pushing or pulling action which can cause objects to move/slow down or change their shape. (5)
11. The unit for measuring force. (6)

Answers

		1 D	I	S	T	A	N	C	E
2 S	P	E	E	D					
		3 F	R	I	C	T	I	O	N
	4 C	O	N	T	A	C	T		
	5 G	R	A	V	I	T	Y		
		6 M	A	S	S				
		7 A	R	E	A				
8 U	P	T	H	R	U	S	T		
9 W	E	I	G	H	T				
	10 F	O	R	C	E				
		11 N	E	W	T	O	N		