

Questions on Forces

- Q8** As well as changing the direction or speed of movement, forces can cause changes of shape. *State* the names of *three* forces under which the shape of an object can be changed.

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Complete the following:

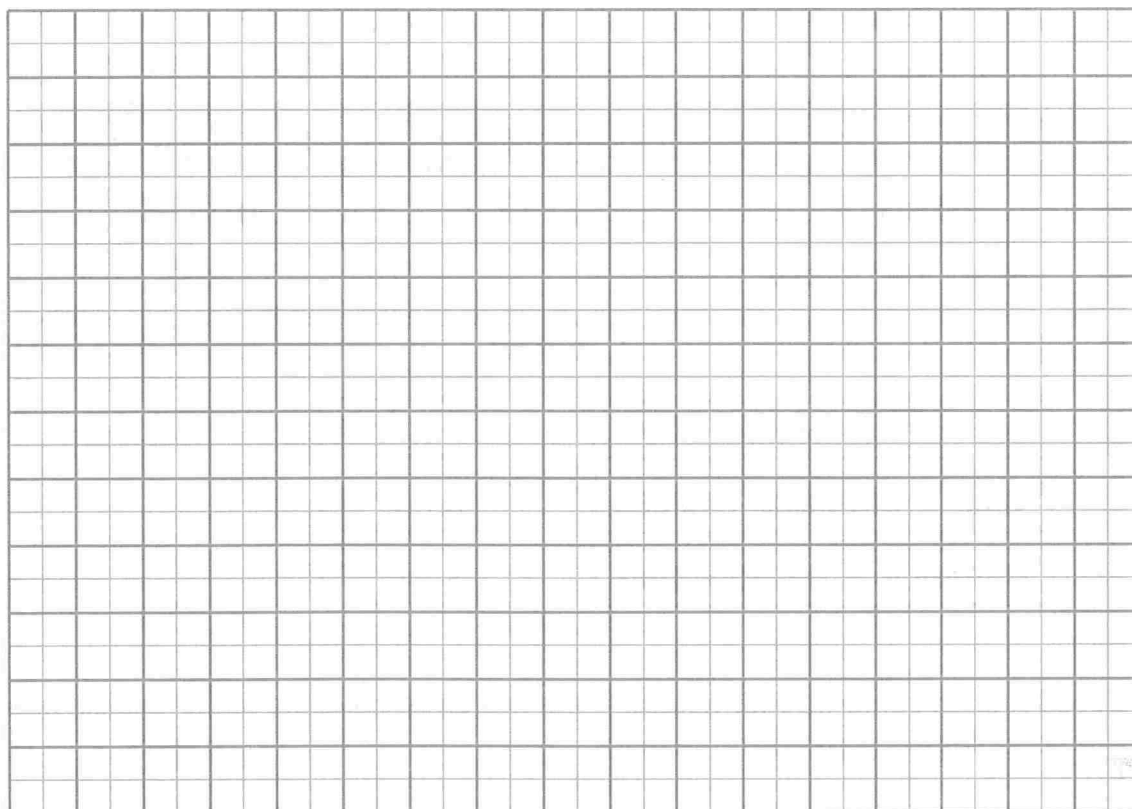
When an object is being *stretched* it is said to be in

When an object is being *squashed* it is said to be in

- Q9** The table below shows the results for a stretching experiment where a *spring* has been *loaded* by applying a weight to it.

Force (N)	0	1	2	3	4	5	6	7	8	9	10
Extension (cm)	0	2.1	3.9	6.2	7.9	10	12.1	13.9	16	17.9	20.1

Plot a graph of these results and explain what the shape of the curve tells you about the relationship between extension and load applied.



The larger the load, the

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