

Match-Up

Mechanics Definitions

1	Light Object	A	A rigid object such as a beam which is one-dimensional; assumed mass is distributed evenly
2	Particle	B	The force experienced by an object as it moves through air; assumed to be negligible
3	Smooth Surface	C	A thin length of material that does not stretch under load
4	Wire	D	A particle with a hole in which moves freely along a wire or string
5	Rod	E	An object with an area but no thickness, its mass is assumed to be distributed across the surface
6	Inextensible String	F	A surface where there is no friction between it and any object in contact with it
7	Rough Surface	G	The uniform force of attraction between all objects which acts vertically downwards
8	Lamina	H	An object with negligible dimensions; its mass is assumed to be concentrated at a single point
9	Smooth and Light Pulley	I	A support from which a body is suspended; assumed to be dimensionless and fixed
10	Uniform Body	J	A rigid thin length of metal which is treated as one-dimensional
11	Air Resistance	K	An object with a comparatively small mass; assumed to have a zero mass
12	Bead	L	A massless wheel which carries a rope, where the tension in the rope is the same on either side
13	Gravity	M	An object where mass is distributed evenly, assumed to be concentrated at the centre of mass
14	Peg	N	A surface where there is a frictional force between it and any object in contact with it

1	2	3	4	5	6	7	8	9	10	11	12	13	14
K	H	F	J	A	C	N	E	L	M	B	D	G	I