

	<b><u>Question</u></b>	<b><u>Answer</u></b>
1	What is the job of the newton meter?	Used to measure the size of a force.
2	What are newtons?	The unit of force.
3	When measuring, what is resolution?	The smallest possible measurement a piece of measuring equipment can measure.
4	What are balanced forces?	Balanced forces means the opposing forces are equal.
5	What are unbalanced forces?	This is where the forces acting in one direction are bigger than those acting in the opposite direction.
6	What is resultant force?	The difference between the two opposing forces.
7	What is gravity?	The force of attraction between pairs of objects.
8	in science, what is mass?	How much matter an object is made from.
9	In science, what is weight?	The result of gravity pulling on a mass.
10	What is the weight equation?	Weight (N) = mass (kg) x gravity (N/kg)
11	In science, what is pressure?	How spread out a force is over an area.
12	What is the pressure equation?	Pressure = Force ÷ Area
13	What is speed?	How fast something travels.
14	What is average speed?	How fast an object moves, on average, over an entire journey.
15	What is the speed equation?	Speed = distance / time
16	In terms of speed, what is relative motion?	Speeds can cancel or add together.
17	How do you work out relative speed of objects moving in the same direction?	If objects travel in the same direction towards, or away from, each other, you subtract the slowest speed from the fastest speed
18	How do you work out relative speed of objects moving in the opposite direction?	If objects travel in opposite directions towards, or away from, each other, you add the speeds.
19	What force pulls toward a centre of mass?	Gravity
20	What force opposes movement?	Friction
	<b>Total marks</b>	<b>/20</b>

**KS3 KBT Year 7 Forces**

Date Completed:.....

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