

FORCES NEED TO KNOW CHECK QUESTIONS

1. What is mass?
2. What is the unit of mass?
3. If you travel into space or another planet what happens to your mass?
4. What causes a mass to move?
5. Can we see a Force?
 - a. How do we know we have applied a force?
6. What would happen to an object if a force of 5N to the left was applied at the same time as a force of 5N was applied to the right?
7. State the effects of a Force.
8. Explain the term weight.
9. Why do objects cause weight?
10. *Why don't you feel the force of gravity from all objects?*
11. If adding 4N to a spring causes a stretch of 2cm, what force would cause a spring to stretch to 4cm.
12. How do we describe the link between Force and the extension (stretch) of a spring.
13. What equipment is used to measure Forces?
14. On Earth, what is the weight of a 100g mass?
15. How does the roughness and smoothness of two surfaces affect the force of friction?
16. How does mass affect the force of friction?
17. Give examples where friction is useful
18. Give examples where friction is not useful
19. Give examples of ways to increase friction
20. Give examples of ways to decrease friction
21. How can Forces be drawn on a page in your jotter?
22. How can you show how Forces can be added in your jotter?
23. *Describe the term Balanced forces.*

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