

Name _____

Date _____

Directions: Find the word that answers the clue. The number of syllables and letters in the answer is given. Cross off the syllables as you use them to help you solve the puzzle.

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|-------|-----|-------|-----|-----|-----|-------|
| accel | bu | creat | cl | dis | ent | in |
| road | rac | sea | in | low | net | up |
| rel | of | ro | ru | roc | sis | two's |
| top | top | top | top | top | top | top |

1. A change in position _____ (2 syllables, 6 letters)
2. A push or pull that acts on an object _____ (1 syl, 5 let)
3. If a force is applied in the same direction of an object's motion, the speed will _____ (2 syl, 8 let)
4. If a force is applied in the _____ direction of an object's motion, the speed will decrease. (2 syl, 8 let)
5. Speed is measured by time and _____ traveled. (2 syl, 8 let)
6. A force that resists motion when two surfaces rub together _____ (2 syl, 8 let)
7. The force of attraction between two objects _____ (3 syl, 7 let)
8. Mass is the amount of _____ in an object. (2 syl, 6 let)
9. Weight is the strength of the gravitational force _____ down on an object. (2 syl, 7 let)
10. This scientist created Three Laws of Motion _____ (2 syl, 6 let)
11. When all forces cancel each other out, they are _____ (2 syl, 8 let)
12. To apply force, _____ (2 syl, 5 let)
13. Forces act in a certain _____ (3 syl, 9 let)