

Forces & Motion Review

1. _____ is speed in a particular direction.
2. List the five ways velocity can change below:
 - a. _____
 - b. _____
 - c. _____
 - d. _____
 - e. _____
3. A frame of reference is a perspective used to determine if and how an object is _____.
4. _____ means to apply a force.
5. A _____ is required to change the _____ of an object.
6. How an object changes velocity depends on the _____ of the force _____ on that object.
7. _____ is a force between an object and the surface it is moving over.
8. A _____ force can cause a _____ change in velocity.
9. Mass is the amount of _____ that makes up an object.
10. If the _____ strength force is exerted on two objects but the objects have different _____, the object with less mass will have a greater change in velocity.
11. _____ is when two objects crash into each other.
12. When two objects collide, a force is exerted on each object. The two forces are exerted in _____ directions, but are the same strength.

Use the words in this box for #'s 1 - 5

- A. Exert
- B. force
- C. slow down
- D. start
- E. velocity
- F. Velocity
- G. moving
- H. stop
- I. change direction
- J. speed up

Use the words in this box for #'s 6 - 12

- K. stronger
- L. matter
- M. exerted
- N. greater
- O. Collision
- P. direction
- Q. opposite
- R. Friction
- S. same
- T. mass