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

LIVEWORKSHEETS