

Name \_\_\_\_\_

Date \_\_\_\_\_

# Motion - Vocab Cards

**accelerate** verb

**to increase the speed or rate of.**

The driver decided to *accelerate* his sports car to see just how fast it could go.

Synonyms: quicken, speed up

Antonyms: check, slow



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**energy** noun

**the ability to have force or power or to do work. There are many kinds such as physical, electrical, nuclear or chemical.**

Her job carrying heavy buckets of water requires a lot of *energy*.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**force** noun

**in physics, an influence on the shape, motion, or other characteristics of an object or system.**

Javier applied *force* to the tire to make it move.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**friction** noun

**the resistance of a surface to relative motion, as of an object sliding or rolling over it.**

As the baseball player slid to the base, *friction* made him stop.



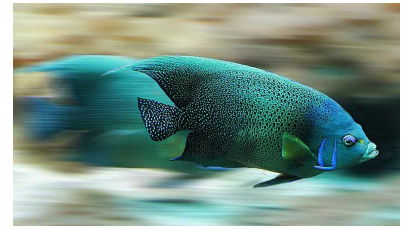
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**motion** noun

**the act of moving or changing places.**

Without a force, everything would be still and there would be no *motion*.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**position** noun

**the exact place where a person or thing is.**

The pilot called air traffic control to tell them the plane's *position* and that they would soon be landing.

Synonyms: location



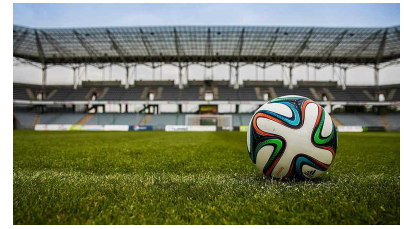
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**rest** noun

**the ending or lack of motion.**

The soccer ball flew far across the field before coming to a *rest*.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**speed** noun

**rate of motion.**

This car can travel at a very high *speed*.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**velocity** noun

**rate of speed or motion.**

The *velocity* of the wind is twenty miles per hour.

Synonyms: pace, speed

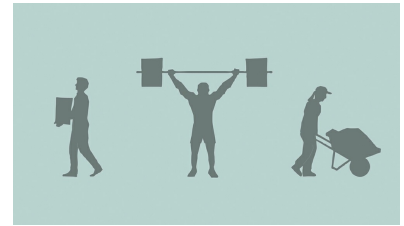
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

**work** noun

**the transfer of energy through motion.**

Lifting the heavy weights required a great deal of *work*.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it: