

What is the force called that holds nuclei together



Which force slows down or stops movement of one object in contact with another



What constant force pushes an object toward the center of a circular path



An Inclined plane is a simple machine, on what principle does it work?



A Pulley is a simple machine, on what principle does it work?



How many significant figures are in :  
0.00682



How many significant figures are in :  
1.072



How many significant figures are in :  
300



Define:  
Torque



Define:  
Equilibrium



## Friction

## The Strong Force

Simple machines exchange  
force for distance

Centripetal Force

3

Leading zeros are not significant.

Simple machines exchange  
force for distance

1

Trailing zeros are significant  
only if the decimal point is  
specified.

4

Imbedded zeros are always significant.

A state of balance in which  
forces equally counter one  
another.

A force that tends to cause a  
rotation.