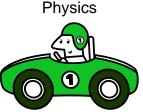
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Newton's Second Law	
Formula for Friction:	
Static Friction is	
When is static Friction the greatest?	
Kinetic Friction is	
What is the coefficient of friction	
What happenes to the coefficient of kinetic friction as the surfaces get rougher	?

Practice Problems

1. What is the frictional force on a 10kg rubber block on concrete just before it begins to slide?

2. What is the frictional force on a 10kg rubber block on concrete when it moves at a constant acceleration?

3. A 24kg crate initially at rest on a horizontal floor requires a 75N horizontal force to set it in motion. Find the coefficient of static friction between the crate and the floor

4. What is the net force on a 5 Kg crate that experiences 30 N of frictional force and has an applied force of 70 N?