***Work and Power Song***

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Listen to the following song and fill in the missing lyrics.

You know work occurs when an object's moving  
And that object moves in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of force  
At the end of it all you'll know if there was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
If objects move from applied force and on the same course  
  
When work is right, when work is wrong  
How do you know? We'll just if it moves on  
Not if force and motion move \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ways.  
  
And it's work if a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will make an object move  
There is nothing if the object \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Transfers energy it's one joule or more  
One object to another  
Multiply the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by how \_\_\_\_\_\_\_\_\_\_\_\_ it does move  
Divide by time for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
Amount of work is newton times distance  
This is simply called the joule or "J"  
Power's the rate at which work you do  
Divide the work done by the time it takes you  
The joules per second are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
And it's \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ if a force will make an object move  
There is nothing if the object stays  
Transfers energy it's one \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or more  
One object to another  
Multiply the newtons by how far it does move  
Divide by time for watts  
  
Calculate work this way  
  
And it's work if a force will make an object move  
There is nothing if the object stays  
Transfers energy it's one joule or more  
One object to another  
Multiply the newtons by how far it does move  
Divide by time for watts  
  
Calculate work this way  
Calculate work this way