***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