Work and Power

**Problems II.**

1. If a mass that required a 3 N force to move it 15 m, how much work was done?
2. **If you performed 5600 J of work by applying a force of 250 N, how far did you move the object?**
3. **If a person used 45.6 J of work to move an object a distance of 15 m, what was the force that was applied?**
4. **If you performed 125 J of work in 12.098 s, how much power did you use?**
5. **If you used 890 W of power to apply a force of 5 N a distance of 9.5 m, what is the time?**
6. **If a person used 16000 J of work to produce 1500 W of power, what is the time?**