

# Work done and energy transfer recall questions

1. What has happened when a force causes an object to move through a distance? **Work is done to the object.**
2. Write down the equation which links work done, force and distance.  **$W = Fs$**
3. What force causes 20 J of work to be done to move an object 2.5 m?
4. What is one newton-metre equal to? **One joule.**
5.  $74.2 \text{ Nm} = ? \text{ J}$
6. An object is pushed along the ground. What always happens to the temperature of an object? **It increases as work is done to the object.**

# **Work done and energy transfer application questions**