Let's Get to Work	Grade 8 Structures and Mechanisms

Calculating Work

1. If it takes 20N to move an object 20m how much work has been done? Show your calculations.

2. Assume it takes 40N of force to carry a bowling ball from one end of a soccer field to the other. A soccer field is 120m long. How much work do you do to move the bowling ball? Don't consider the work to lift the object, only the work to move it across the field.

Calculating Work Using *F=m(g)*

	Mass (kg)	Acceleration due to gravity (m/s²)	Force (N) *F=m(g)*	Distance (m)	Work (J) *W=F(d)*
Trial 1					
Trial 2					