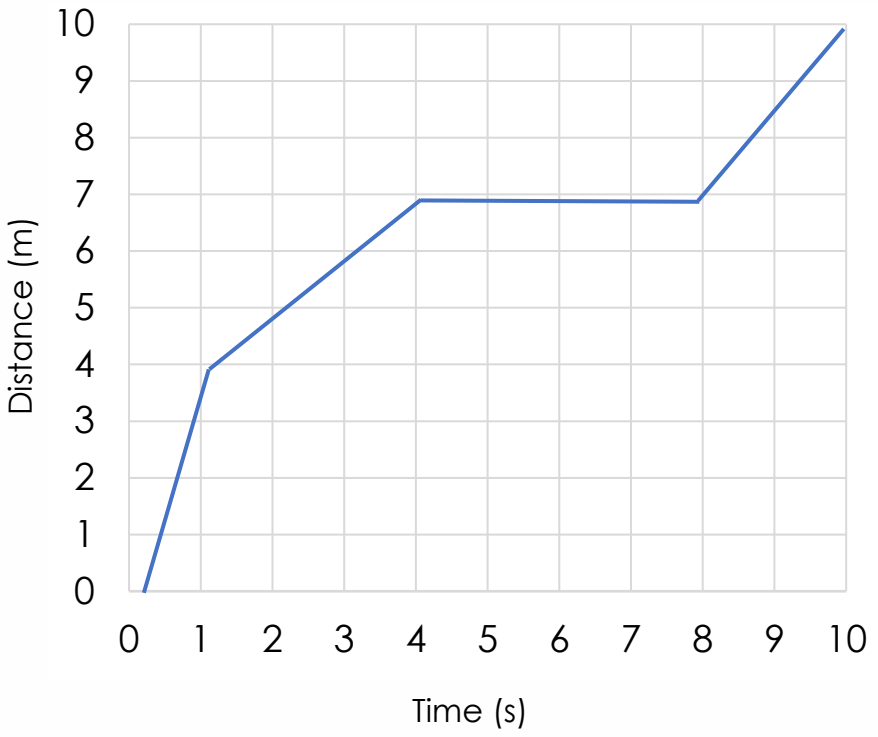
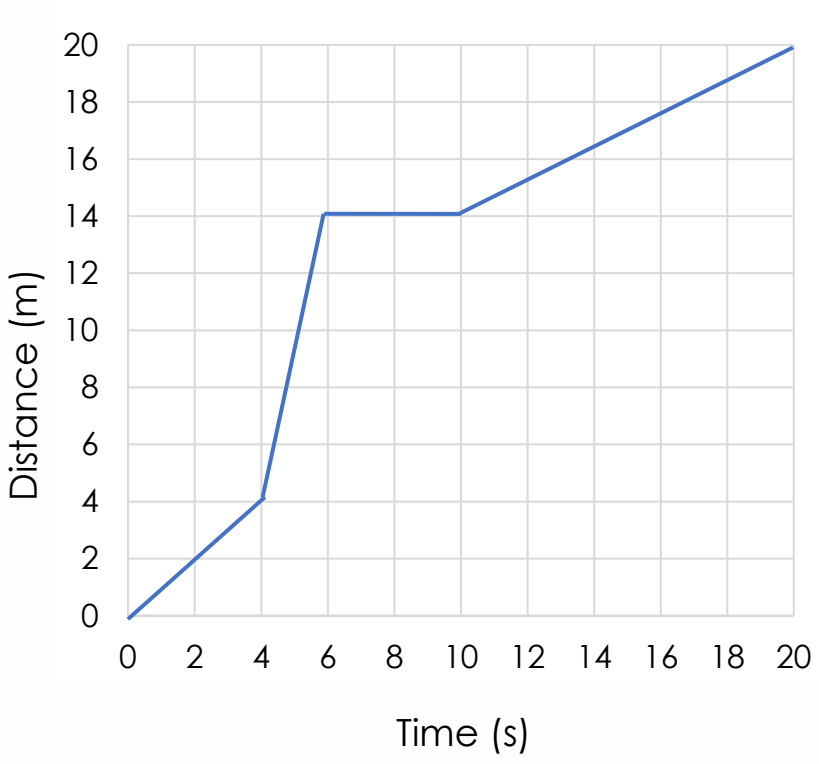
Calculating Gradient

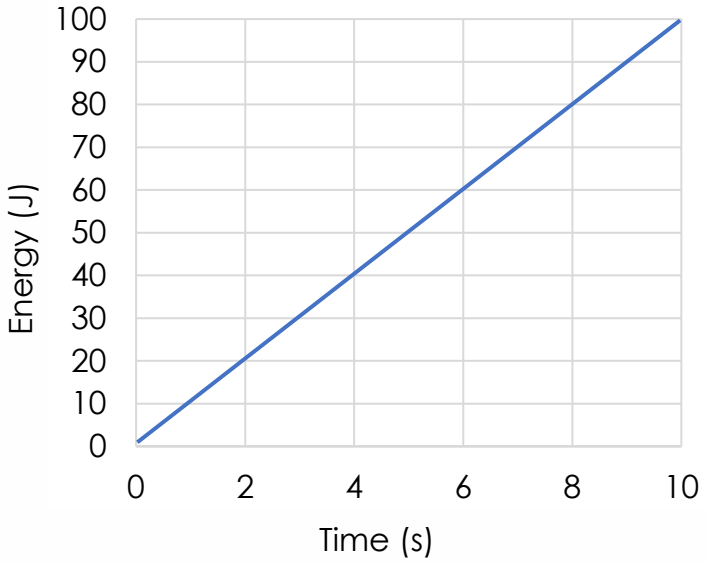
1. Calculate the gradient for each phase of the journey represented by this distance-time graph.



2. Calculate the gradient for each phase of the journey represented by this distance-time graph.

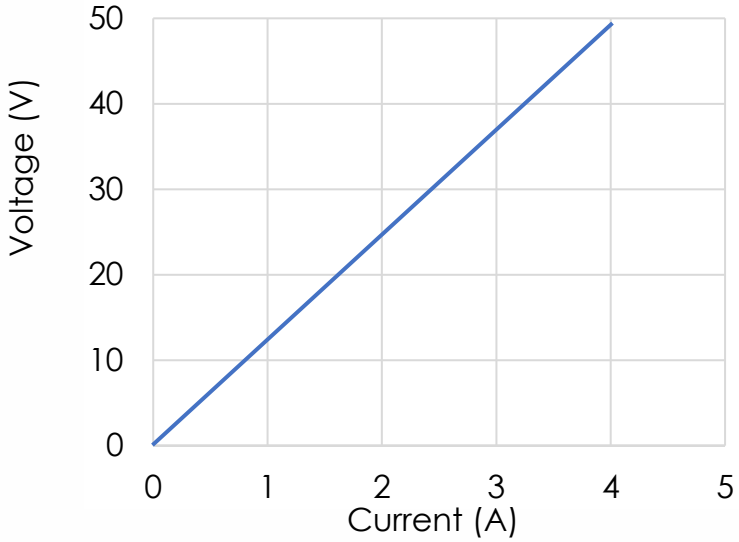


3. The graph below shows an engineer's predicted data for the energy transferred by a small fan.



   a. Calculate the gradient of the line.
   b. Suggest the quantity represented by the gradient using your knowledge of energy transfers.

4. The graph below shows the relationship between the current through and the voltage across a fixed resistor.



   a. Calculate the gradient of the line.
   b. Suggest the quantity represented by the gradient using your knowledge of Ohm's Law.