

STATIC AND DYNAMIC LOADS AND MECHANICAL ADVANTAGE

HELPFUL LINKS: <https://technologystudent.com/forcmom/mechad1.html>

1. Explain why the roof of the house shown below is an example of a 'static' load. **2 marks**



2. With reference to the drawing of a tightrope walker. Explain the meaning of the term dynamic load. **2 marks**



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3. What is meant by the term ‘mechanical advantage’?
3 marks

Answer this question with reference to the hole punch opposite.


