

<i>Name</i>	<i>Class or Group</i>	<i>Date</i>



Use $g = 10 \text{ Nkg}^{-1}$ unless otherwise stated.

1) The mass of the Eiffel Tower is approximately 8000 tonnes.
 What is its weight ? **Show all working.**

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2) a) Find out the mass of a **TGV** engine (the part which pulls the carriages).....

Your sources ?

b) Use this to calculate its weight in Paris. **Show all working.**

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c) What would be the weight of the TGV if it was on the Moon's surface ?

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d) What would its mass be on the Moon ?

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