



Newton's Laws of Motion

Newton's First Law

Task:

Below is Isaac Newton's First Law of Motion, written in Latin, as it was in his 1687 book *Mathematical Principles of Natural Philosophy*. Many modern English words are derived from Latin, so your task is to **translate the text below**.

1. Circle or highlight any words in the passage that you recognise, and write around the outside what modern words could be equivalent to them.
2. Use the words you have identified (and filling in the blanks!) to try to translate the passage.

WARNING: This task is hard!

*Lex I: Corpus omne perseverare in
status uo quiescendi vel movendi
uniformiter in directum, nisi quatenus
a viribus impressis cogitur statum
illum mutare.*

Translation:



Newton's Laws of Motion

Newton's Second Law

Task:

Below is Isaac Newton's Second Law of Motion, written in Latin, as it was in his 1687 book *Mathematical Principles of Natural Philosophy*. Many modern English words are derived from Latin, so your task is to **translate the text below**.

1. Circle or highlight any words in the passage that you recognise, and write around the outside what modern words could be equivalent to them.
2. Use the words you have identified (and filling in the blanks!) to try to translate the passage.

WARNING: This task is hard!

*Lex II: Mutationem motus
proportionalem esse vi motrici
impressae, et fieri secundum lineam
rectam qua vis illa imprimitur.*

Translation:



Newton's Laws of Motion

Newton's Third Law

Task:

Below is Isaac Newton's Third Law of Motion, written in Latin, as it was in his 1687 book *Mathematical Principles of Natural Philosophy*. Many modern English words are derived from Latin, so your task is to **translate the text below**.

1. Circle or highlight any words in the passage that you recognise, and write around the outside what modern words could be equivalent to them.
2. Use the words you have identified (and filling in the blanks!) to try to translate the passage.

WARNING: This task is hard!

*Lex III: Actioni contrariam semper et
æqualem esse reactionem: sive
corporum duorum actiones in se
mutuo semper esse æquales et in partes
contrarias dirigi.*

Translation:
