

# Forces of Machines 110

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After you complete the class, return to the page with the class vocabulary list on it.

Write a comparative essay (at least 5 paragraphs) about the difference between rotary and linear motion. You can compare the way they are measured, how momentum affects them, and the forces that act on them. Underline all vocabulary words used in your report.

1. Your first paragraph should tell the reader the two items or topics you are comparing. You should list three areas for comparing them. Examples would be color, weight, or other physical properties.
2. Each of the next three paragraphs should compare the two items or topics according to the areas listed in the first paragraph.
3. Your last paragraph should review the three areas of comparison again and close the essay.

## Writing tips

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A comparative essay is a type of writing used in the workplace that provides facts to inform the reader. When you write an essay, you must know the audience who will read your report. How much detail do you need to give for the reader to understand the report?

When you start each paragraph, give your reader an idea of the topic covered in that paragraph and then provide the details. Each paragraph should focus on one topic.

Use words like *next*, *another*, *when*, *also*. You should also repeat important words throughout the report to make connections clear.

Make sure that each sentence is complete and clear. One confusing sentence can make the entire report difficult to understand.



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