

Grade 8 Quarter 1 Assessment Review

These Key Concepts can be found at the beginning of each section in your textbook.

PHYSICAL SCIENCE

1. [When is an object in motion?](#) **Chapter 1.1 – page(s) 7**
2. [How do you know an object's speed and velocity?](#) **Chapter 1.1 – page(s) 10-12**
3. [How can you graph motion?](#) **Chapter 1.1 – page(s) 14-15**
4. [What kind of motion does acceleration refer to?](#) **Chapter 1.3 – page(s) 22-23**
5. [How is acceleration calculated?](#) **Chapter 1.3 – page(s) 24-25**
6. [What graphs can be used to analyze the motion of an accelerating object?](#) **Chapter 1.3 – page(s) 26-27**
7. [How is a force described?](#) **Chapter 2.1 – page(s) 36-37**
8. [How are unbalanced and balanced forces related to an object's motion?](#) **Chapter 2.1 – page(s) 37-39**

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Vocabulary

[motion](#)

[reference point](#)

[International System of Units](#)

[meter](#)

[speed](#)

[average speed](#)

[instantaneous speed](#)

[velocity](#)

[slope](#)

[acceleration](#)

[force](#)

[newton](#)

[net force](#)

[unbalanced forces](#)

[balanced forces](#)