

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

## Lesson 1 - Forces and motion

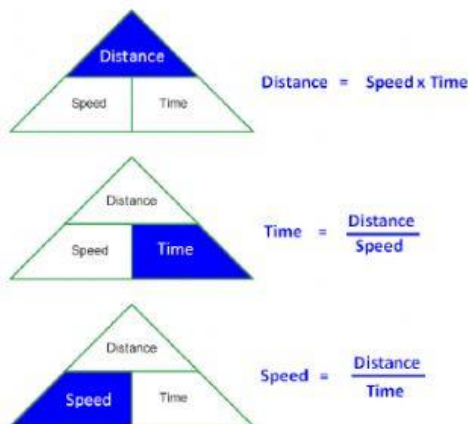
Lesson objectives - To describe the acceleration of objects.

Write the correct answer from the box:

Speed      velocity      acceleration

1. A car moves 30 km/h to the east. This is its \_\_\_\_\_.
2. An object moves 100 km in 1 hour is its \_\_\_\_\_.
3. A boy kicks the ball and after some time it slows down. This is \_\_\_\_\_.

Choose the correct answer:



1. The speed of car is 500 km/h. How much distance will it travel in 3 hours?
  - a. 1500 m
  - b. 1500 m/h
  - c. 1500 km
  - d. 1500 km/h
2. A car travels 300km in 3 hours. What is its speed?
  - a. 900 km/h
  - b. 100 km/h
  - c. 900 m/s
  - d. 100 m/s