

CONCEPT REVIEW  
**12**

# Motion and types of force

EST

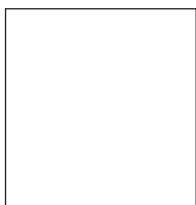
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Complete this concept review handout and keep it as a record of what you have learned.

## EST Definitions

- A force is \_\_\_\_\_  
\_\_\_\_\_
- Unit of measurement: \_\_\_\_\_ Symbol: \_\_\_\_\_
- 1 N = \_\_\_\_\_
- Mass is \_\_\_\_\_  
\_\_\_\_\_
- Unit of measurement: \_\_\_\_\_ Symbol: \_\_\_\_\_
- Weight is \_\_\_\_\_  
\_\_\_\_\_
- Unit of measurement: \_\_\_\_\_ Symbol: \_\_\_\_\_

## EST Mathematical formula expressing the relationship between weight, gravitational force and mass



where \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## EST Intensity of the gravitational field

- At the Earth's surface: \_\_\_\_\_
- At the Moon's surface: \_\_\_\_\_

## EST Representing force with an arrow

