

## Second Semester of the Academic Year 1447-2025

### Worksheet 13

Level	Primary	Name	
Subject	Science	Class	Grade 5

 Choose the correct answer from the options below: a, b, c or d:

1. What is work?

- a) The ability to sleep      b) The force used to move an object through a distance  
c) The speed of an object      d) The color of an object

2. What is the unit of work?

- a) Meter      b) Kilogram  
c) Joule      d) Second

3. Which formula represents work?

- a)  $W = m \times v$       b)  $W = F \times d$   
c)  $W = l \times w$       d)  $W = t \times s$

4. What does friction force do?

- a) Helps motion      b) Stops motion  
c) Opposes motion      d) Changes color

5. Which is an example of potential energy?


- a) A moving car      b) A book on a shelf  
c) Boiling water      d) Ringing bell

6. Heat energy is caused by:

- a) Moving electrons      b) Vibrating particles  
c) Light waves      d) Nuclear reactions

7. Which is an example of kinetic energy?

- a) A car moving on the road      b) A book on a table  
c) A battery      d) The sun

 Choose the true ( T ) for the correct answer or false ( F ) for the incorrect answer

1. Energy is the ability to do work. ( T )
2. Friction force helps objects move faster. ( F )
3. The unit of work is Joule. ( T )
4. Light is a form of energy. ( T )
5. Energy can be created and destroyed. ( F )