

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