

Second Semester of the Academic Year 1447-2025

Worksheet 14

Level	Primary	Name	
Subject	Science	Class	Grade 5

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

1. What is a simple machine?

- A) A tool that makes work harder
B) A type of energy
C) A tool that makes work easier
D) A heavy object

2. What is the effort force (F_e)?

- A) The force produced by the machine
B) The force you apply
C) The weight of the object
D) The speed of the object

3. Which of the following is a first-class lever?

- A) Wheelbarrow
B) Fishing rod
C) Seesaw
D) Ramp

4. Which simple machine is a ramp?

- A) Lever
B) Inclined plane
C) Screw
D) Wedge

5. Which tool is an example of a wedge?

- A) Knife
B) Door knob
C) Seesaw
D) Screw

6. What does a wheel and axle do?

- A) Changes color
- B) Makes objects smaller
- C) Increases force or speed
- D) Stops movement

7. Which of the following is a screw?


- A) Axe
- B) Jar lid
- C) Ramp
- D) Rope


8. What is a compound machine?

- A) One simple machine
- B) Two or more simple machines together
- C) A broken machine
- D) A small tool

Fill in the Blanks

(easier - effort - fulcrum - inclined – wedge)

 A simple machine makes work **easier**.

 The force you apply is called **effort** force (Fe).

 A lever has a fixed point called the **fulcrum**

 A ramp is also called an **inclined** plane.

 A **wedge** is used for cutting (like a knife).

