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Activity 1 – Warm-up: What is Mechanical Engineering?

Matching Activity: Mechanical Engineering Around Us

Instructions

Match the mechanical engineering areas or concepts (1–8) with their correct definitions (A–H).

Words

1. Mechanical engineer
2. Machine
3. Force
4. Motion
5. Materials
6. Manufacturing
7. Energy
8. Mechanical system

Definitions

- A. The ability to do work and make processes happen, such as moving a vehicle or operating a machine.
- B. A person who designs, analyses, and improves mechanical devices and systems.
- C. The process of producing objects and components, often using machines and industrial methods.
- D. A set of connected parts that work together to perform a specific function.
- E. A push or pull that can change the movement or shape of an object.
- F. The movement or change of position of an object over time.
- G. Substances used to build machines and structures, such as metals, plastics, and composites.
- H. A device made of different parts that uses energy to perform a task.

Answers

1 – B

2 – H

3 – E

4 – F

5 – G

6 – C

7 – A

8 – D