



Garcilaso School

SCIENCE

SUBJECT : ENGLISH
TEACHER : JOSÉ A. COLMENAREZ R.
GRADE :

DATE:

1. REACTIONS WITH OXYGEN

- A → 2 (aluminium + oxygen → aluminium oxide)
B → 1 (copper + oxygen → copper oxide)
C → 4 (lithium + oxygen → lithium oxide)
D → 3 (iron + oxygen (in presence of water) → iron oxide)

2. REACTIONS BETWEEN METALS AND WATER (EXERCISE 10.3)

1. Write Yes or No

- a. No
- b. Yes
- c. Yes
- d. No
- e. Yes
- f. Yes
- g. Yes

2. Write if the metal reacts or does not react with water

- a. copper → does not react
- b. potassium → reacts
- c. zinc → does not react (only with steam)
- d. lithium → reacts
- e. magnesium → does not react (slowly with hot water)
- f. gold → does not react
- g. calcium → reacts

3. ENDOTHERMIC REACTIONS AND PROCESSES (EXERCISE 10.4)

- a. endothermic
- b. process
- c. thermal
- d. process
- e. endothermic reaction, lowers
- f. light

4. ALVARO AND MEHDI INVESTIGATION

- a. The temperature decreased after mixing, indicating an endothermic reaction that absorbed heat.
b. They should have worn safety goggles, gloves, and lab coats, tied back long hair, and handled chemicals carefully.

5. EXOTHERMIC REACTIONS AND PROCESSES (EXERCISE 10.5)

- a. process
- b. reaction
- c. temperature
- d. fuel
- e. respiration