

Name \_\_\_\_\_

## How Moons Change Answer Key

1 → C – Heavy cratered surface remains largely unchanged for billions of years.

2 → B – Surface becomes covered in extensive lava flows, creating bright sulfur deposits.

3 → D – Cracks and ridges form on the icy surface.

4 → A – Water vapor and ice particles are shot into space from surface fissures.

5 → E – Surface shows smooth plains of cooled basalt rock in darker areas (lunar maria).

6 → F – Fault lines and fractures form from gravitational stress.

**Extra Effect:** G – Methane rain fills rivers and lakes (applies to Titan, not listed in the causes).