



Name: \_\_\_\_\_

Class: \_\_\_\_\_ Date: \_\_\_\_\_

## Lunar Equipment Match-Up

*An activity of "The quest for lunar water".*

Water exists on the moon! What high-tech equipment is used in the quest to locate this precious resource? Read "The quest for lunar water" (pages 16–17, *What's Up* June 2024) to learn more about it.

PART A. Match the equipment with its corresponding details.

- |                           |  |
|---------------------------|--|
| 1. LTV ●                  | ● (a) Analyses soil. Finds ice and metals.             |
| 2. LCROSS ●               | ● (b) Fires rockets that knock up soil and dust.       |
| 3. LRO ●                  | ● (c) Camera that uses heat to sense changes in water. |
| 4. Lunar Trailblazer ●    | ● (d) Satellite that locates water using cameras.      |
| 5. Lunar Thermal Mapper ● | ● (e) Analyses clouds of debris.                       |
| 6. VIPER ●                | ● (f) Vehicle for driving on the moon.                 |

PART B. To demonstrate that you know what these types of equipment are, form three sentences that mention at least four of the names above.

---



---



---



---



---



---