

NAVIGATION TEAM: Write the number of the definition in the box that corresponds to the letter of the vocabulary term. Your answers are correct when the rows and the columns add up to 34.

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|--------------------|----------------------|--------------------|
| a. axis | g. longitude | l. perpendicular |
| b. constellation | h. magnitude | m. right ascension |
| c. declination | i. Mission Commander | n. triangulation |
| d. eccentricity | j. parallel | o. x-axis |
| e. Flight Director | k. particle | p. y-axis |
| f. latitude | | |

1. The vertical number line on a coordinate plane.
2. An imaginary line through the center of a planet/satellite around which it rotates.
3. Celestial coordinates corresponding to longitude in the equatorial celestial coordinate system measured in hours.
4. Calculation of position of the spacecraft from three known objects.
5. The angular distance north or south of the Earth's equator.
6. A tiny quantity of a substance.
7. The person in charge of astronauts onboard a space vehicle.
8. How a bright a night sky object appears to the human eye from Earth.
9. Two lines running side by side at an equal distance apart.
10. The angular distance east or west of the Prime Meridian.
11. The person located in Mission Control who oversees all team activities and communications.
12. A straight line at right angles to another line.
13. A numerical value for the shape of an orbit ranging from zero which equals a circular orbit to nearly one which equals a long orbit.
14. Celestial coordinates corresponding to longitude in the equatorial celestial coordinate system measured in hours.
15. The horizontal number line on a coordinate plane.
16. A group of stars that form a picture or a shape.

a.	b.	c.	d.
e.	f.	g.	h.
i.	j.	k.	l.
m.	n.	o.	p.