

THEME: ASTRONOMY VOCABULARY

WORDS TO LEARN

- 1. ALBEDO** – the reflective power of a surface
Synonym – reflectivity, absorptivity
Antonym- non-reflective light
- 2. AZIMUTH** – direction of a celestial body
Synonym – ordinate, declension
Antonym- oblique angle
- 3. BLACK HOLE** – an area of immense gravity
Synonym – emptiness; nothingness
Antonym- white hole
- 4. CONSTELLATION** – group of stars forming a pattern
Synonym – array; assemblage
Antonym- amorphousness
- 5. COSMOLOGY** – theory of the origin of the universe
Synonym – cosmism, quantum-theory
Antonym- N.A
- 6. GALAXY** – any of the large systems of stars
Synonym – cluster, nebula
Antonym- N.A
- 7. LUMINOSITY** – the intrinsic brightness of an object
Synonym – radiance, refulgence
Antonym- blackness, gloominess
- 8. NOVA** – star that is unexpectedly bright temporarily
Synonym – supernova, orb
Antonym- N.A
- 9. OBSERVATORY** – building for studying stars
Synonym – planetarium; lookout
Antonym- N.A
- 10. PHOTOSPHERE** – the lowest layer of the solar atmosphere
Synonym – chromosphere; solar-corona
Antonym- N.A

EXERCISES

EXERCISE 1

FIND THE SYNONYMS FOR THE MAIN WORD

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|----------------|-------------|---------------|-----------------|-----------|
| 1. PHOTOSPHERE | a) radiance | b) cosmos | c) chromosphere | d) star |
| 2. GALAXY | a) nebula | b) absorption | c) ordinate | d) sun |
| 3. COSMOLOGY | a) physics | b) cosmism | c) lookout | d) orbit |
| 4. NOVA | a) bright | b) starry | c) orb | d) comet |
| 5. OBSERVATORY | a) array | b) nebula | c) planetarium | d) astral |

EXERCISE 2

FIND THE ANTONYMS FOR THE MAIN WORD

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|------------------|------------------------|----------|---------------|------------|
| 1. CONSTELLATION | a) amorphousness | b) apex | c) astral | d) nadir |
| 2. BLACK HOLE | a) white hole | b) close | c) void | d) galaxy |
| 3. ALBEDO | a) nonreflective light | b) soak | c) sublunary | d) inner |
| 4. AZIMUTH | a) oblique angle | b) array | c) assemble | d) apex |
| 5. LUMINOSITY | a) brightness | b) light | c) gloominess | d) lookout |

EXERCISE 3

FILL IN THE BLANKS WITH THE APPROPRIATE WORDS FROM THE VOCABULARY LIST

1. A relatively bright _____ was discovered on 12th June in the northern _____ of Hercules.
2. They had already passed _____ of the planet the final step was calculating the altitude and _____.
3. _____ is a measure of how much light an object reflects, while _____ is the visible "surface" of the Sun.
4. The mass of a supermassive _____ correlates closely with the total mass of the host _____.
5. Webb will be a new _____ where people can observe modern model of _____ and astrophysics.