# Cosmic Times Keyword Match Pre-test

Match the keywords and phrases in the left column with their definitions in the right column.

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| 1. \_\_\_ Einstein’s General Theory of Relativity | A. A shift in the observed spectrum of an object due to its motion |
| 2. \_\_\_ Dark energy  | B. Stars that light up suddenly to great brightness and then fade away |
| 3. \_\_\_ Cosmic microwave background | C. Rapid expansion of the Universe after the Big Bang |
| 4. \_\_\_ John Mather | D. Galaxies which are farther away are moving away faster |
| 5. \_\_\_ Supernovae | E. Matter whose existence is known only through its gravitational pull on other matter |
| 6. \_\_\_ Big bang  | F. The light from the early Universe |
| 7. \_\_\_ Hubble’s Law | G. COBE satellite  |
| 8. \_\_\_ Red shift | H. Explains how gravity works |
| 9. \_\_\_ Inflation  | I. Leading theory of the origin of the Universe |
| 10. \_\_\_ Dark matter | J. Hypothesized form of energy that causes the expansion of the Universe to speed up |