



b) Dark matter and dark energy:

→ Dark matter:

It's mysterious form of a matter that does not emit, absorb or reflect light, making it invisible and undetectable through traditional astronomical observations (like light and radio waves) - We evidence of dark matter is based gravitational effects on visible matter such as stars and galaxies. The observations show that galaxies rotate faster than expected based on visible mass alone and galaxy clusters display gravitational forces which can't be explained without additional unseen mass.

It makes up 27% of the universe, dark matter reveals nature is still undefined.