Answer on Question 82081 in General Chemistry

To answer the question we must consider the structure of the electron shell both of elements Mg and Ba $12\,Mg~1s^22s^22p^63s^2\\56~Ba~1s^22s^22p^63s^23p^64s^23d^{10}4p^65s^24d^{10}5p^66s^2$

The farther from the nucleus are the outer electrons, the more pronounced are the metallic property, therefore ${\tt Ba}$ is more metallic than ${\tt Mg}$

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