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| **Problem 28.28** |
| The figure http://session.masteringphysics.com/problemAsset/1074456/3/knight_Figure_27_36.jpgshows a hollow cavity within a neutral conductor. A point charge Qis inside the cavity.   |  |  | | --- | --- | | Part A |  | | What is the net electric flux through the closed surface that surrounds the conductor?   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | ANSWER: | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | ***Answer not displayed*** | \cdot \frac {Q} {\epsilon_0} |  | | | | |