|  |
| --- |
| **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} |  |

 |

 |

 |