Which choice below best fits in the blank? Generally, gravity-sensing mechanisms are based on __ which are heavy or dense particles that shift position in response to changes in a cell’s orientation in space.

A  phytochromes  
B  cytokinins  
C  statoliths  
D  chloroplasts  

In plant cells, the statoliths are clusters of starch grains in modified plastids.  
Answer C.

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