We gamified three common balance tests for fall risk diagnosis, Timed Up & Go (TUG), Chair Stand (CS), and Four Square Step Test (FSST), by using the Moto Tiles. The embedded pressure sensor of the Moto Tile was used to detect the movement of subjects and to time the tests. The proposed Moto measurement was compared with traditional stopwatch measurement. A total of 51 samples were analyzed. The intraclass correlation coefficients of the TUG and CS tests were very high (0.98 and 0.94). The FSST was analyzed by Pearson's correlation coefficient and the result also indicated strong correlation (0.79). Based on the results, we concluded that the proposed Moto tests are as reliable as traditional tests.