old means : [ 0. 5. 10.]

old variances : [1. 1. 1.]

updated means : [16.19973762 7.03131456 4.0372943 ]

updated variances: [3.55271368e-15 0.00000000e+00 0.00000000e+00]

diff\_means: [16.19973762 2.03131456 -5.9627057 ]

diff\_var: [-1. -1. -1.]