

[\[Item View \]](#)[\[Print \]](#)**Problem 2.25**

A particle moving along the x -axis has its position described by the function $x = (1.00 t^3 - 5.00 t + 2.00)$ m, where t is in s. At $t = 3.00$, what are the particle's (a) position, (b) velocity, and (c) acceleration?

Part A

ANSWER: | *Answer not displayed* m

Part B

ANSWER: | *Answer not displayed* m/s

Part C

ANSWER: | *Answer not displayed* m/s²