

Present neatly on separate paper. Justify for full credit. No Calculators.

Name \_\_\_\_\_ Score \_\_\_\_\_ A (5 minutes)  
1)

A particle moves along an s-axis. Use the given information to find the position function of the particle.

$$a(t) = 4 \cos 2t; \quad v(0) = -1, \quad s(0) = -3$$

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Name \_\_\_\_\_ Score \_\_\_\_\_ F (5 minutes)

1)

A particle moves along an s-axis. Use the given information to find the position function of the particle.

$$a(t) = \cos t - 2t; v(0) = 0, s(0) = 0$$