

§1.2.4

問題B

$$1 \quad v = 5 \text{ m/s} \quad a = \frac{dv}{dt} = 0$$

$$2 \quad v = 5t \text{ m/s} \quad a = \frac{dv}{dt} = 5$$

$$3 \quad x = 4.9t^2 \text{ m} \quad v = \frac{dx}{dt} = 9.8t$$

$$a = \frac{dv}{dt} = \frac{d^2x}{dt^2} = 9.8$$