PS2: Instantaneous velocity is the limit of average velocity - Answer key quick ref

1. (1.2.3)

    (a) $AV_{[3,3+h]} = 6+h$

    (b) $AV_{[3,3.2]} = 6+0.2 = 6.2$ meters per minute

    (c) $IV_{t=3} = 6$ meters per minute

2. (1.2.5.11)

    (a) —

    (b) $IV_{t=1} \approx -53.837$ meters per second

    (c) (meaning)