6. . A car accelerates steadily so that it goes from a velocity of 20 m/s to a velocity of 40 m/s in 4 seconds. What is its acceleration? (A) 0.2 m/s2 (B) 4 m/s2 (C) 5 m/s2 (D) 10 m/s2 (E) 80 m/s2