10. . A woman runs 40 m to the north in 6.0 s, and then 30 m to the east in 4.0Â s. What is the magnitude of her average velocity? (A) 5.0 m/s (B) 6.0 m/s (C) 6.7 m/s (D) 7.0 m/s (E) 7.5 m/s