

- 2** A tennis ball travelling at 4.0 m s^{-1} due east strikes a surface and bounces off at 3.0 m s^{-1} due north. The change in velocity of the tennis ball is
- A** 1.0 m s^{-1} at 37° east of north
 - B** 1.0 m s^{-1} at 53° west of south
 - C** 5.0 m s^{-1} at 37° east of south
 - D** 5.0 m s^{-1} at 53° west of north