

- 2** A straight river is flowing from west to east with a speed 0.50 m s^{-1} . A man can swim in still waters at a speed 0.80 m s^{-1} .

In which direction should the man swim to take the shortest path from the south bank to the north bank?

- A** 39° east of north
- B** 51° east of north
- C** 39° west of north
- D** 51° west of north