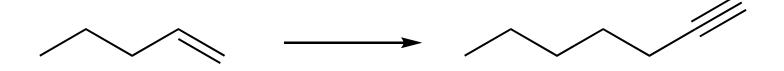
Which reagents would be best to achieve the following synthesis?



- A) 1) HBr
 - 2) HC≡CNa

- C) 1) HBr, ROOR
 - 2) HC≡CNa

- B) 1) Br₂
 - 2) xs NaNH₂
 - 3) H₂O

- D) 1) HBr
 - 2) xs NaNH₂
 - 3) H₂O