

To complete the square on  $x$  in  $x^2 + 6x$ , find one-half of \_\_\_\_\_, square it to get \_\_\_\_\_, and add \_\_\_\_\_ to get \_\_\_\_\_.

- A) 6 ... 9 ... 9 ...  $x^2 + 6x + 9$
- B) 2 ... 1 ... 1 ...  $x^2 + 6x + 1$
- C) 6 ... 9 ... -9 ...  $x^2 + 6x - 9$
- D) 2 ... 1 ... -1 ...  $x^2 + 6x - 1$

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To complete the square on  $x$  in  $x^2 + 6x$ , find one-half of 6, square it to get 9, and add 9 to get  $x^2 + 6x + 9$ .

Answer **A**