

You may have correctly recognized the perfect square 225 as a factor of 450, and correctly used  $\sqrt{-1} = i$ , but you forgot the remaining factor of  $-450$ , which is 2. Use the rule  $\sqrt{ab} = \sqrt{a}\sqrt{b}$  and make sure that you write down every step. The correct answer is  $15i\sqrt{2}$ .