

You must completely simplify inside parentheses before you do other operations. The numerator is  $(2 + 2^3)^2 = (2 + 8)^2$ . At this point you may have squared the 8 and then added the 2, which would be correct for  $2 + 8^2$ . The correct value of the numerator is  $(10)^2 = 100$ . The correct answer is 20.