Currency Exchange Case Study

A traveler is in Japan and would like to visit an amusement park but they have run out of cash. The currency used in Japan is Japanese yen which is represented by the symbol \mathbb{Y} and the abbreviation JYP. The daily admission to the amusement park is \mathbb{Y} 8,900. Their debit has a limit of \$200 CAD daily. How much Japanese yen can they withdraw in cash when using their debit card? Will they have enough \mathbb{Y} remaining to purchase other items?

The conversion is 1 CAD = 81.48 JPY. Keep in mind that the ATM machine will charge them ¥408 and their bank will charge them a \$5 CAD fee as well.