Here is a data definition for a \textit{ListOfNumbers}:

\begin{verbatim}
;; A ListOfNumber is one of:
;;  - empty
;;  - (cons Number ListOfNumber)
\end{verbatim}

Your job is to design a function \texttt{remove-given} which consumes a \textit{ListOfNumber} a \textit{Number} and computes a new \textit{ListOfNumber} which contains all the numbers in the list that are \textbf{not} equal to the given number. Here are the examples for this function:

\begin{verbatim}
(check-expect (remove-given empty 1) empty)
(check-expect (remove-given (cons 17 (cons 12 empty)) 12)
  (cons 17 empty))
(check-expect (remove-given (cons 7 (cons 1 (cons 18 empty))) 5)
  (cons 7 (cons 1 (cons 18 empty))))
\end{verbatim}

Write the function below. Remember to use the \verb!== function to check if two numbers are equal.