Certain List BIF's

I'll leave the speculations to you students. 😁

Prepending using the | operator. Complexity - $\Theta(1)$

     Speculation here.

Appending using the ++ operator or the append/2 BIF. Complexity - $\Theta(n)$

     Speculation here.

Accessing the head and leaving the tail of a list using [h|t]. Complexity - $\Theta(1)$

     Speculation here.

Inserting in the middle of a list using lists:split/2 function to break the list into the 'before' and 'after' parts and the | operator to prepend the inserted value to the 'after' and then prepend the 'before' to this partially composed list. Complexity - $\Theta(n)$

     Speculation here.