Consider the following grammar:

\[ \text{Start} \rightarrow E \]
\[ E \rightarrow E \ AddOp \ T \ | \ T \]
\[ T \rightarrow T \ MulOp \ F \ | \ F \]
\[ F \rightarrow \ Lbr \ E \ Rbr \ | \ ID \]
\[ \text{AddOp} ::= + \ | \ - \]
\[ \text{MulOp} ::= \ast \ | \ ÷ \]
\[ \text{Lbr} ::= ( \]
\[ \text{Rbr} ::= ) \]
\[ \text{ID} ::= a \ | \ b \ | \ ... \ | \ z \]

1. Give the parse tree for the string \((x + y) * z\)

2. Is the grammar provided ambiguous? Why or why not?

No, since there is only one possible parse tree.