MIN-MAX.

In the search tree below, the game is in the state represented by A and it’s your turn. Your objective is to achieve the highest score after your opponent moves.

1. What move should you make?
   Answer $a_1$, $a_2$, or $a_3$, and explain why.

2. Do you have to expand every terminal node (look at its value) to make this decision? If not, which terminal nodes do you not have to look at?