Suppose I start pushing a box along a table. The box slowly starts moving. While the box is speeding up, there are two horizontal forces acting on the box: $f_{T \rightarrow B}$ and $N_{f \rightarrow B}$. Which force is bigger?

1. $f_{T \rightarrow B} > N_{f \rightarrow B}$
2. $f_{T \rightarrow B} < N_{f \rightarrow B}$
3. $f_{T \rightarrow B} = N_{f \rightarrow B}$
4. You can’t tell from the information given.
Suppose I start pushing a box along a table. The box slowly starts moving. At some point, the box settles down to a constant velocity. At that point, there are still two horizontal forces acting on the box: $f_{T\rightarrow B}$ and $N_{f\rightarrow B}$. Which force is now bigger?

1. $f_{T\rightarrow B} > N_{f\rightarrow B}$
2. $f_{T\rightarrow B} < N_{f\rightarrow B}$
3. $f_{T\rightarrow B} = N_{f\rightarrow B}$
4. You can’t tell from the information given.