Bus A or Bus B?

You will take a bus trip across the country to see a professional football game. You have a choice of two buses. (Both bus trips will arrive the day before the game.)

- Bus A departs at 7:47 am and arrives at 8:14 pm.
- Bus B is 12 hours and 53 minutes in length. Both trips cost $200. Which bus would you choose, Bus A or Bus B? Why?

Show your thinking using pictures, words, and symbols.

STUDENT A

[Student's handwritten work]
Student B

I would take bus A because it would take a shorter amount of time than bus B. The reason I know bus B takes longer than bus A is because if you subtract 0.12 hr 27 min from 12 hr 53 min, you’ll get 26 min so that means it would take bus B 26 more minutes longer than bus A.

\[
\begin{align*}
4.713 & \quad -2.7 \\
\hline
2.6 & 
\end{align*}
\]

Student C

I chose bus A because
Student D

Mountain hills and Rocks

\[ \text{\( \text{\#1} \) hour \( \times \) 10 minutes = 1 minute} \]

12 hours
29 minutes

I would choose bus A.

I would choose bus A because bus A only takes 12 hours and 29 minutes but bus B takes 12 hours and 57 minutes which is a 26 minute difference and depending on the time the game starts you might have enough time to get some snacks.

Proof

\[
\begin{array}{c}
413 \\
1255 \\
1227 \\
\hline
026
\end{array}
\]
Bus B because the ride is longer
I can sleep longer we do not have


12 hours 27 mins

I counted up by each mins

Bus B
Student F

I also checked. I found the difference of 53 and 27.

I choose Bus B because I like long buses.

It would take 26 more minutes.