

## Bus A or Bus B Anchor Papers

### 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



Start time	hr./min.
7:47	+1hr 8:47 AM
+1hr	9:47 am
+1hr	10:47 am
+1hr	11:47 AM
+1hr	12:47 PM
+1hr	1:47 PM
+1hr	2:47 PM
+1hr	3:47 PM
+1hr	4:47 PM
+1hr	5:47 PM
+1hr	6:47 PM
<del>+1hr</del>	7:47 PM
	+13 min.
	+14 min.

$$\begin{array}{r} 413 \\ - 153 \\ \hline 260 \\ \hline 26 \end{array}$$

~~12hr 53 min~~ Answer  
12hr 27 min.

I would choose bus A because it would take 12hr 27 min and bus B would take 12hr 53 min. and that's almost 13 hr. And 12hr 27 min is less time. Because bus A would get you there faster.

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Student B

Time	H/m
7:47	12hr
7:47	27 min
8:14	

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 12hr 27min from 12hr 53min you'll get 26 min so that means it would take bus B 26 more minutes longer than bus A.

$$\begin{array}{r}
 4 \phantom{0} \\
 \cancel{5}3 \\
 - 27 \\
 \hline
 26
 \end{array}$$

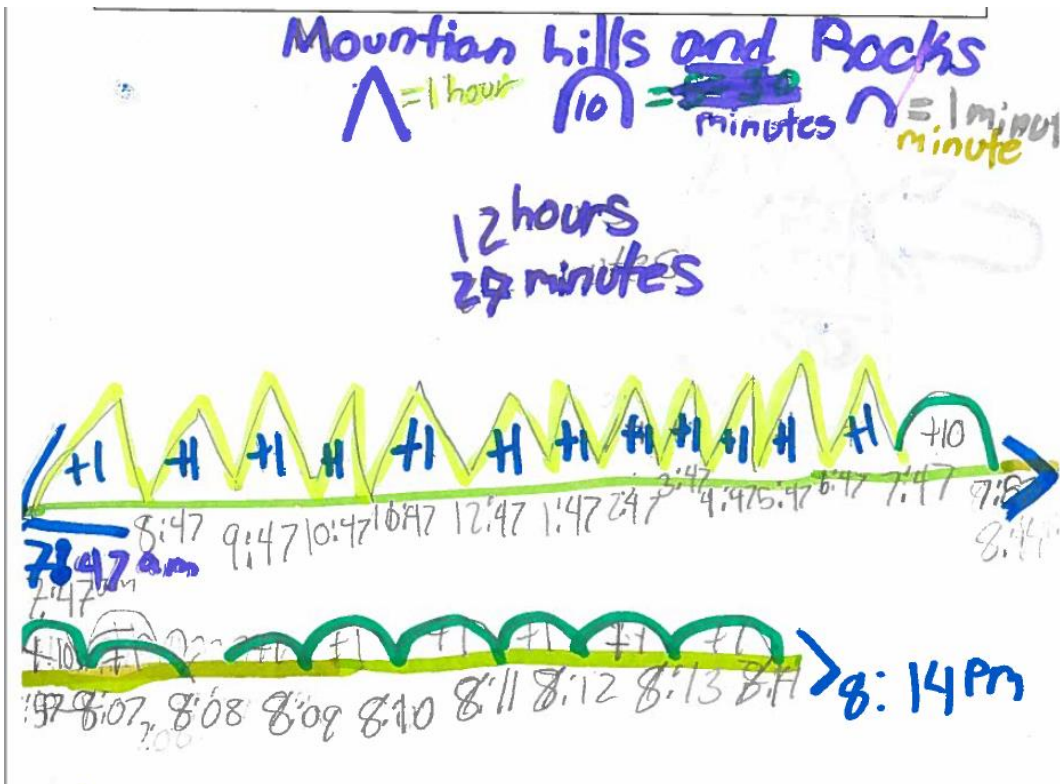
Student C

I chose bus a because

$$\begin{array}{r}
 1 \\
 814 \\
 + 717 \\
 \hline
 1331
 \end{array}$$

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Student D



I would choose bus A b. STUDENT D

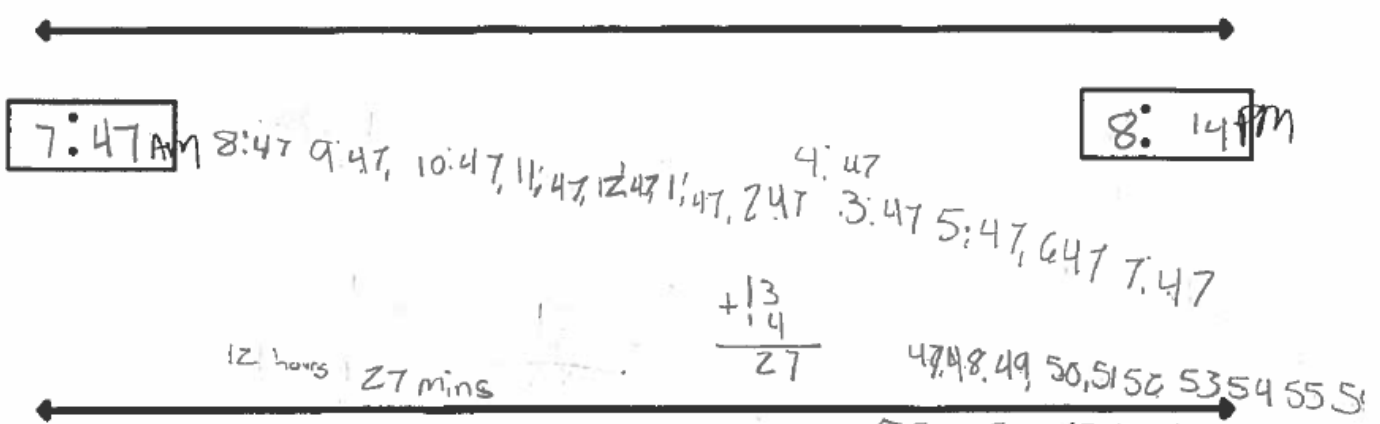
I would choose bus-A because bus-A only takes 12 hours and 29 minutes but bus-B takes 12 hours and 57 minutes which is a 26 minute difference and depending on the time the game starts you might have enough time to get some snacks.



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Student E

Bus B because the ride is longer  
 I can sleep longer we do not have  
 to do any work

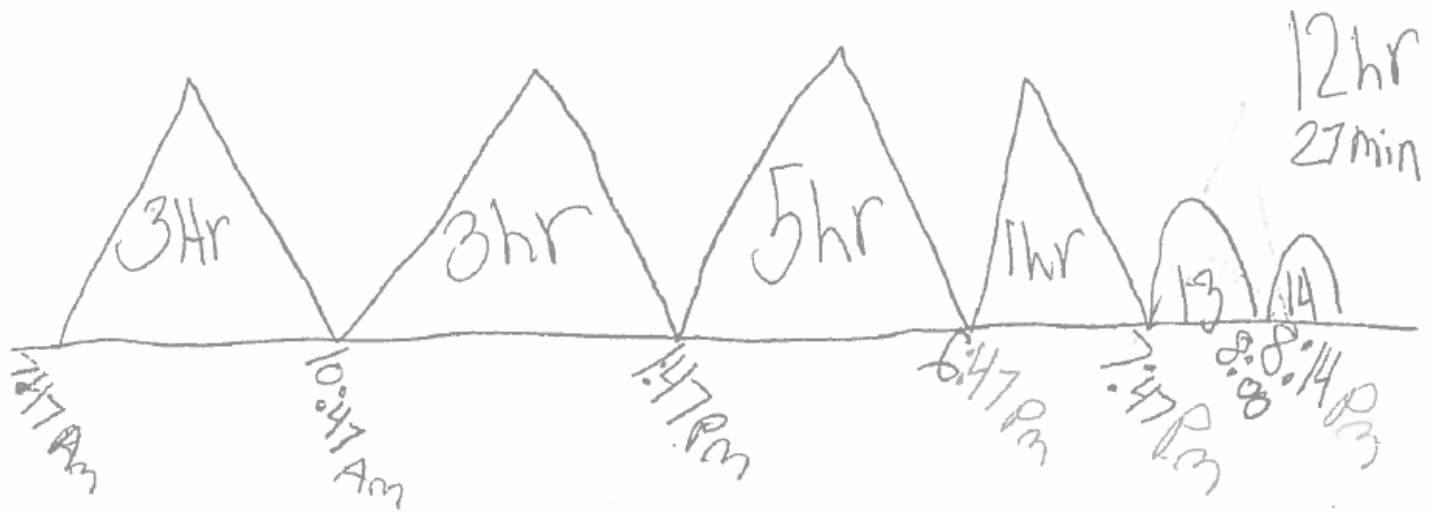


I counted up by each  
 min, s

BUS B

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Student F



I ALSO checked my work on a clock. I found the difference of 53 and 27 (13)(14)

I choose Bus B because I like long bus rides.

It would take 26 more minutes