

## Re: My mistake on Time Dilation?

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I think the 3 observations below are correct?

1. Therefore if I'm not mistaken if two planes leave east and west from earth then whom ever of the 2 planes decides to accelerate to see the other one's clock will be the younger....
  2. or if both planes decide to both return and meet each othe half way then once again their clocks will be the same.
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So in a way...it doesn't matter whom left whom?

Meaning if one left Earth at  $1/3c$  so he's aging less.

3. But if Earth which to catch up the distance lost between them then  $1/3c$  is insufficient, so if Earth goes  $2/3c$  to see the departed's clock then Earth with be younger.

*guskz@hotmail.com* wrote:

- > *Sorry,*
- >
- > *One can get lost when it comes to perspectives and observation, the end*
- > *fact they MUST ACCELERATE (for their distance increases considerably*
- > *with time) to compare each others values and by then the clocks would*
- > *have been re-modified????*
- >
- > *Both there is still one STRANGE question...Both "believe" the other*
- has
- > *AGED LESS...In a way could this mean time is but a mirage?*
- >
- >
- > *1. I had 2 pairs a twins on Earth.*
- >
- > *2. One pair left Earth at  $1/3c$  so say after 1 month, they were say 1*
- > *year younger than the Earth pair.*
- >

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- > 3. Then one brother of each pair flies at  $2/3c$  to each immigrate on  
the
- > opposit's platform.
- >
- > 4. Now they remain this way at  $1/3c$  for 10 years (making the period  
in
- > #1 more of an irrelevant factor since this period is much longer).
- >
- >
- > So from the laws of symmetry (and Inertial Reference Frames) both new
- > non-twin-brother pairs must be younger?