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| GROUP 1  What is the story?  Calculate all the rates of change.  When is the person going the fastest?  How long do they stop? | GROUP 2  What is the story?  Calculate all the rates of change.  When is the person going the fastest?  How long do they stop? |
| GROUP 3  What is the story  Calculate all the rates of change.  When is the person going the fastest?  How long do they stop? | GROUP 4  What is the story?  Calculate all the rates of change.  When is the person going the fastest?  How long do they stop? |

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| **Start at home**.  Move **away** from home **fast**.  **Stop**  Keep moving **away** from home, but go **slow**. | **Start far away from home.**  Move **towards home fast**.  **Get home** and **stop**.  Move **away from home** again, but go **slowly**. |
| **Start** **far away from home**.  Move **slowly towards** home.  **Stop i**n the middle of your trip home.  Then keep walking **towards home fast**. | **Start at home.**  Move **away from home fast**.  **Stop**  Move **towards home slowly**. |