

Complete the following questions using the data from your group recording sheet.

1. Roll with 1 book: Rewrite the answers you had for number one of the recording sheet:

Observer 1	Comparison Symbol < > =	Observer 2
02.467.5	<	03.256.7

Explain why the comparison symbol you chose makes the comparison true?

1. I believe left is faster and right is slower

2. Roll with 2 books: Rewrite the answers you had for number two of the recording sheet:

Observer 1	Comparison Symbol < > =	Observer 2
3.063	>	02.955

Explain why the comparison symbol you chose makes the comparison true?

2. left is slow right is fast

3. Roll with 3 books: Rewrite the answers you had for number three of the recording sheet:

Observer 1	Comparison Symbol < > =	Observer 2
3.086	>	3.052

Explain why the comparison symbol you chose makes the comparison true?

The symbols make it true because it
faster⁰ slow faster¹ slower² slower³

3. left slow right fast

Write your responses to each of the following reflection questions:

1. Why were the times recorded on the stopwatches different when the two partners were using similar stopwatches to time the same event?

people have different reflexes so it could take a little longer to process.

2. How did the length of time that the marker rolled change as the height of the book stack increased?

the length of the marker changed and stopped slower and slower every time i believe its because it was steeper forcing the marker to speed up.