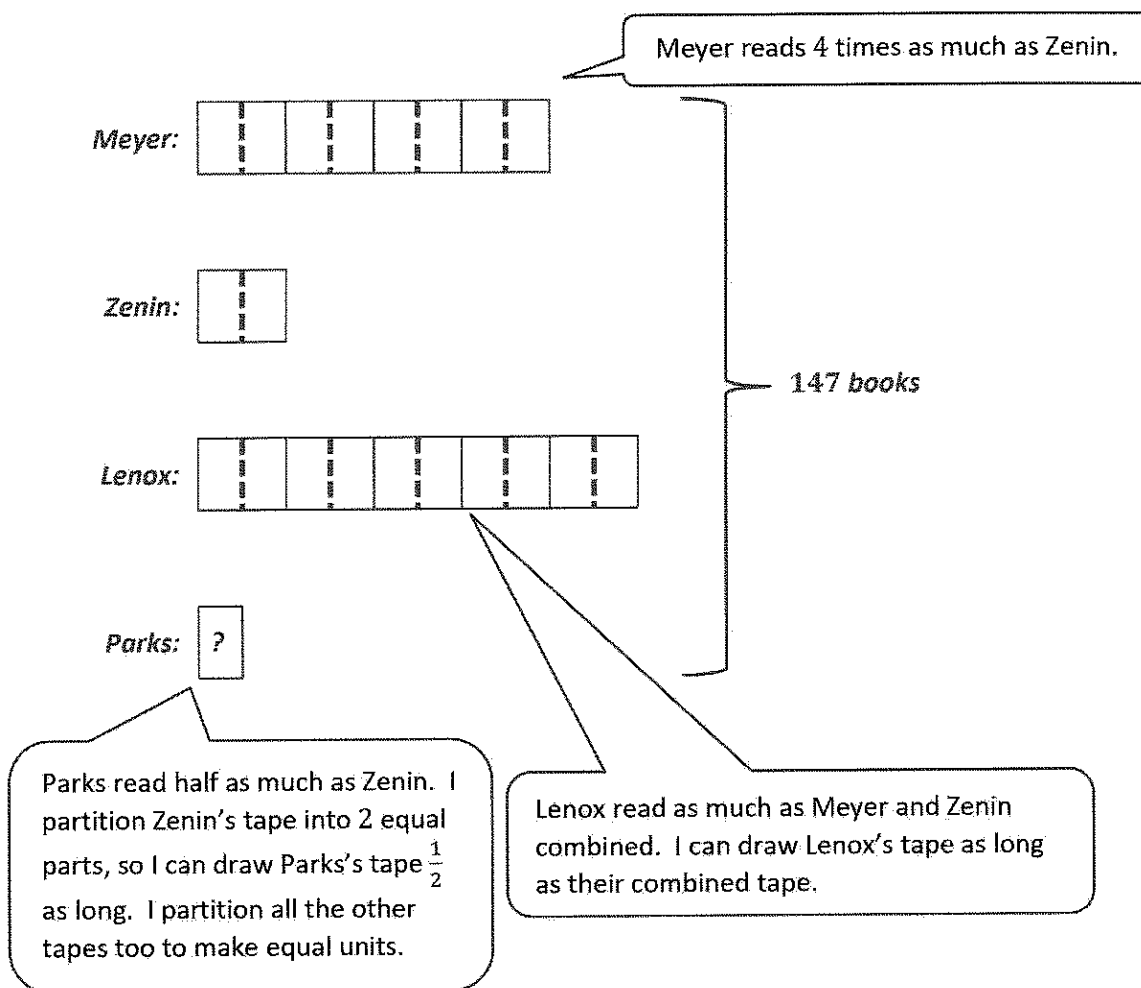# G5-M6-Lesson 21

Meyer read four times as many books as Zenin. Lenox read as many as Meyer and Zenin combined. Parks read half as many books as Zenin. In total, all four read 147 books. How many books did each child read?

Meyer:

> Meyer reads 4 times as much as Zenin.

Zenin:

} 147 books

Lenox:

Parks: | ? |

> Parks read half as much as Zenin. I partition Zenin's tape into 2 equal parts, so I can draw Parks's tape $\frac{1}{2}$ as long. I partition all the other tapes too to make equal units.

> Lenox read as much as Meyer and Zenin combined. I can draw Lenox's tape as long as their combined tape.

21 units = 147 books

1 unit = 147 books ÷ 21 = 7 books

                    Parks read 7 books.

7 × 8 = 56   Meyer read 56 books.

7 × 2 = 14   Zenin read 14 books.

56 + 14 = 70   Lenox read 70 books.

Lesson 21:   Make sense of complex, multi-step problems and persevere in solving them. Share and critique peer solutions.

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