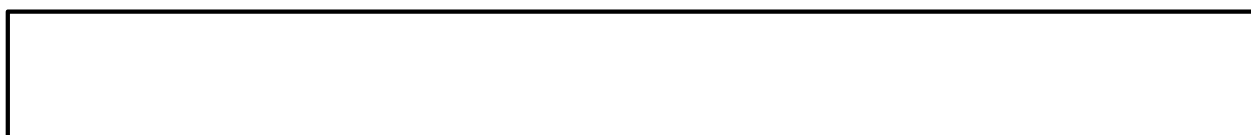


To make bookshelves, Mia uses a saw to cut a board into equal pieces.

- a. If Mia uses the whole board to make 3 shelves, what fraction of the board is each shelf? Partition the board and explain your thinking.



- b. If Mia uses the whole board to make 4 shelves, what fraction of the board is each shelf? Partition the board and explain your thinking.



- c. Will each shelf hold more books if there are 4 shelves or 3 shelves? Explain your thinking.