Patrick is reading a book about forest animals. He has read \(\frac{3}{4}\) of the 100 pages in his book. Nicholas has read \(\frac{2}{3}\) of the 120 pages of his book about alpine flowers.

a) Who has more pages left to read in his book?

b) To finish his book, Patrick reads five full pages per day, every day. If Nicholas also reads a certain number of full pages every day, how many pages per day must he read in order to finish his book on the same day as Patrick finishes?