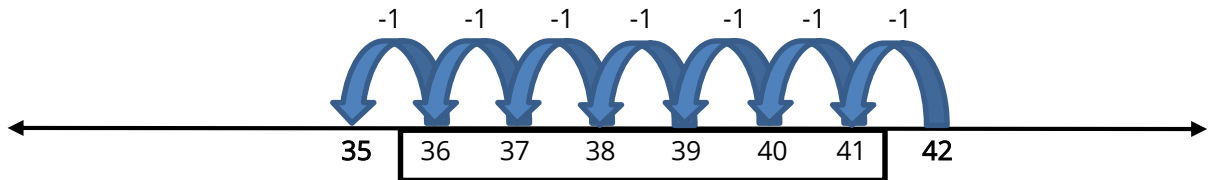## Possible Solutions

a) The first grade class was making bead necklaces. Tom counted 32 beads on his necklace. Rita counted 43 beads on her necklace. Lisa counted 29 beads on her necklace. List the students in order from the person who has the greatest beads to the one who has the fewest beads, and then order the number of beads from least to greatest. Use a place value model to help explain your thinking.

List the students in order with the most beads to the fewest beads: Rita, Tom, Lisa

Order the number of beads from least to greatest: 29, 32, 43

I looked at the tens place for each number. The smallest number is 29 because there are 2 tens with a value of 20. The greatest number is 43 because there are 4 tens with a value of 40. 32 is between 43 and 29 because it was 3 tens with a value of 30.

b) John's book has 42 pages. Mark's book has 35 pages. Kelly's book has more pages than Mark's book but fewer pages than John's book. Use an open number line to help explain how many pages Kelly's book could have.

Kelly's number of pages could be 36, 37, 38, 39, 40, or 41, since those are all numbers to the right of 35 and to the left of 42. I put John's number of 42 on the number line first. Mark's number was 35 so I knew it went to the left of 42 since I count 35 before I count 42. Then I counted backward from 42 until I got to 35.