Ben's game

1 First of all I considered what number of counters each of them could have

2 Ben's have to be a multiple of 3 but not be 3 , Emma's have to go by 5 but not be 5 and Jacks had to go by 4 but not be 4

3 I decided to do a spread-sheet, Ben has 2/3 of his left and 1/5 of Emma's, (2B/3+E/5).Jack has 3/4 of his left and 1/3 of Ben's (3J/4) + B/3 and Emma has 4/5 of her's left and 1/4 of Jack's (4E/5)+J/4

4 after a few goes at putting numbers into the spreadsheet, the answer turned out to be 12 for Ben 8 for Jack and 10 for Emily, as they all got ten when they were distributed.