



3. Make a tree diagram to illustrate the four children family distribution.

- |   |  |
|---|--|
| a. How many result in 4 boys and 0 girls? | What is the probability of this event occurring? |
| b. How many result in 3 boys and 1 girl?  | What is the probability of this event occurring? |
| c. How many result in 2 boys and 2 girls? | What is the probability of this event occurring? |
| d. How many result in 1 boy and 3 girls?  | What is the probability of this event occurring? |
| e. How many result in 0 boys and 4 girls? | What is the probability of this event occurring? |
| f. What is the sum of the probabilities?  |  |