

If the probability of having a girl is $\frac{1}{2}$ and the probability of having a boy is also $\frac{1}{2}$, what is the probability that a family with four children has two boys and two girls?

Hint: List out all the possibilities and then see what percent are families with 2 boys and 2 girls.

Example: Boy, Boy, Boy, Girl or Boy, Girl, Boy, Boy

Answer: _____