A fair six-sided die is rolled.

- P(even number)
- What is the probability that the top face of the die displays a seven?

A card is drawn from a fair poker deck.

- What is the probability that the card is a red seven?
- What is the probability that the card is a seven?

A card is drawn from a fair poker deck.

- P(♠)
- P(red card)

A pair of fair six-sided dice is rolled.

- P(at least one die displays a 2)
- P(only one die displays a 2)
- P(doubles)

A pair of fair six-sided dice is rolled.

- P(sum of the numbers is seven)
- P(sum is four)

A pair of fair six-sided dice is rolled.

- P(sum is one)
- P(sum is twelve)

What is the probability that a family with four children has two (2) boys and two (2) girls?

What is the sample space for the possible genders for the four (4) children in the family???