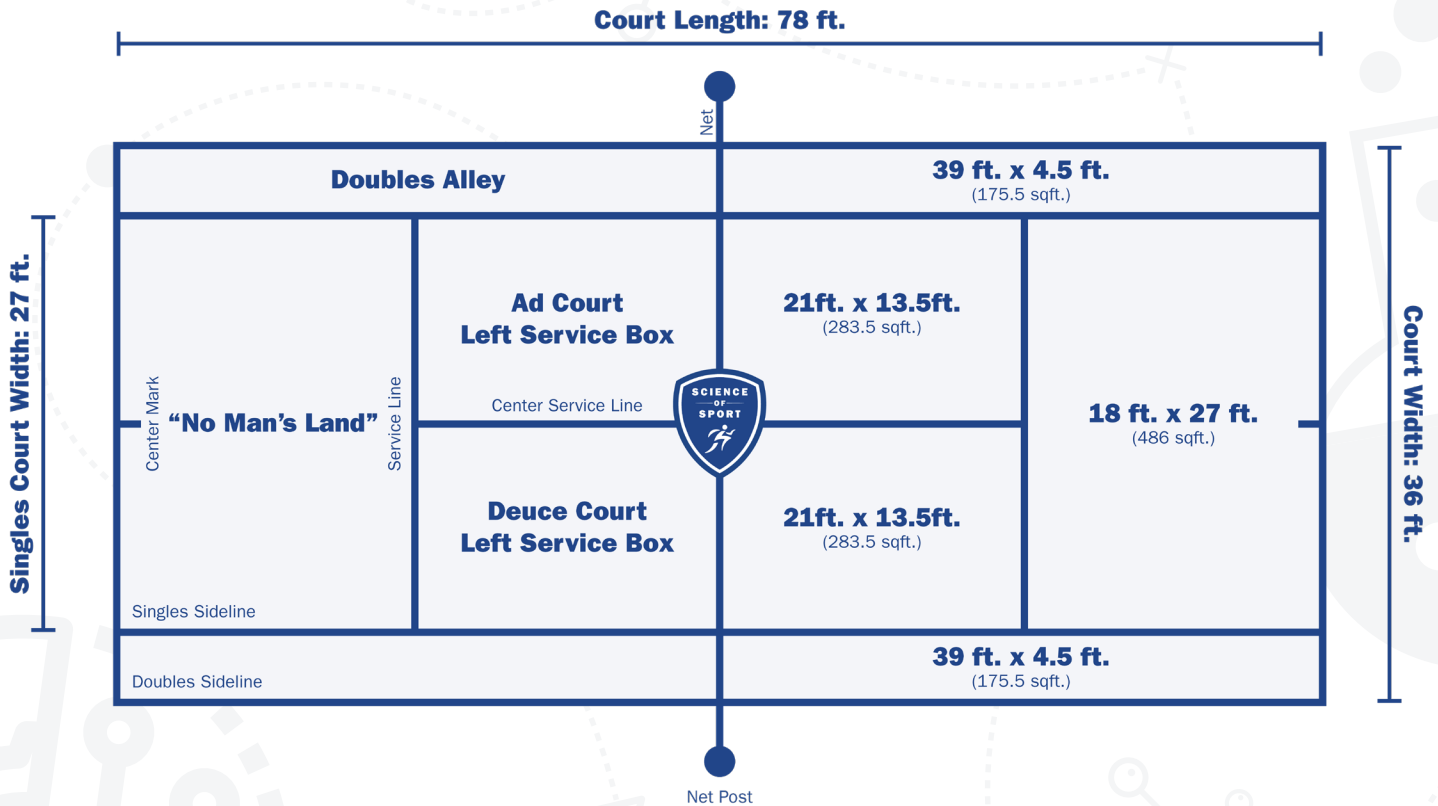


Worksheet 3.1

Tennis - Top Spin & Back Spin

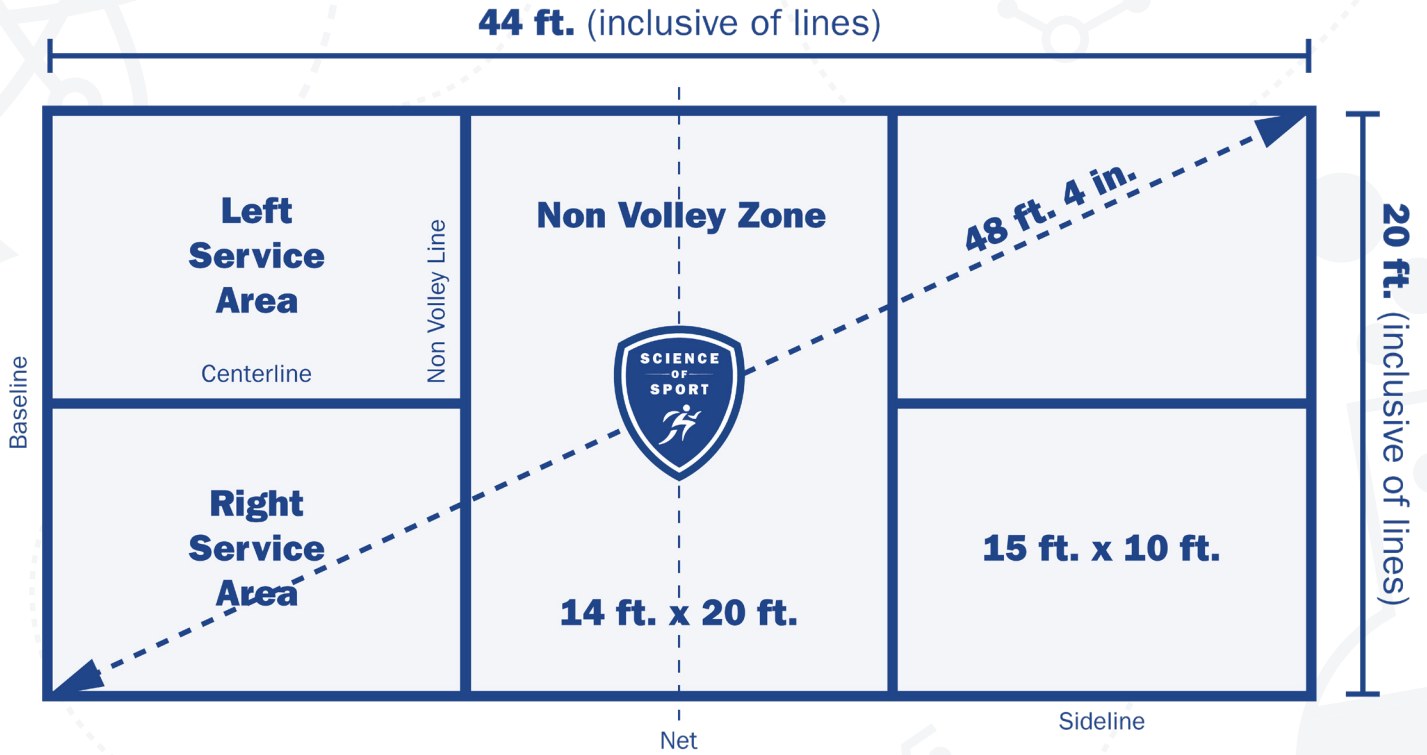
Use the dimensions of a tennis court and a pickle ball court to answer the questions provided.



The tennis court is a rectangle, 78 feet long and, for singles matches, 27 feet wide. For doubles matches, the court is 36 feet wide.

1. What is the total area of the tennis court (doubles court)?
2. What is the area of the singles court (double court minus the doubles alley on both sides)?
3. How much bigger is the area of a tennis court for doubles compared to singles?

A pickleball court is smaller than a tennis court, it is a 20' x 44' rectangle for both singles and doubles.



Unlike tennis, where you can volley from anywhere, in pickleball a non-volley zone extends 7' back from the net on each side, commonly called "the kitchen".

4. How much bigger is the area of a tennis court for doubles compared to a pickleball court?

Area of doubles tennis court (from question 3):

Area of pickleball court:

Difference:

