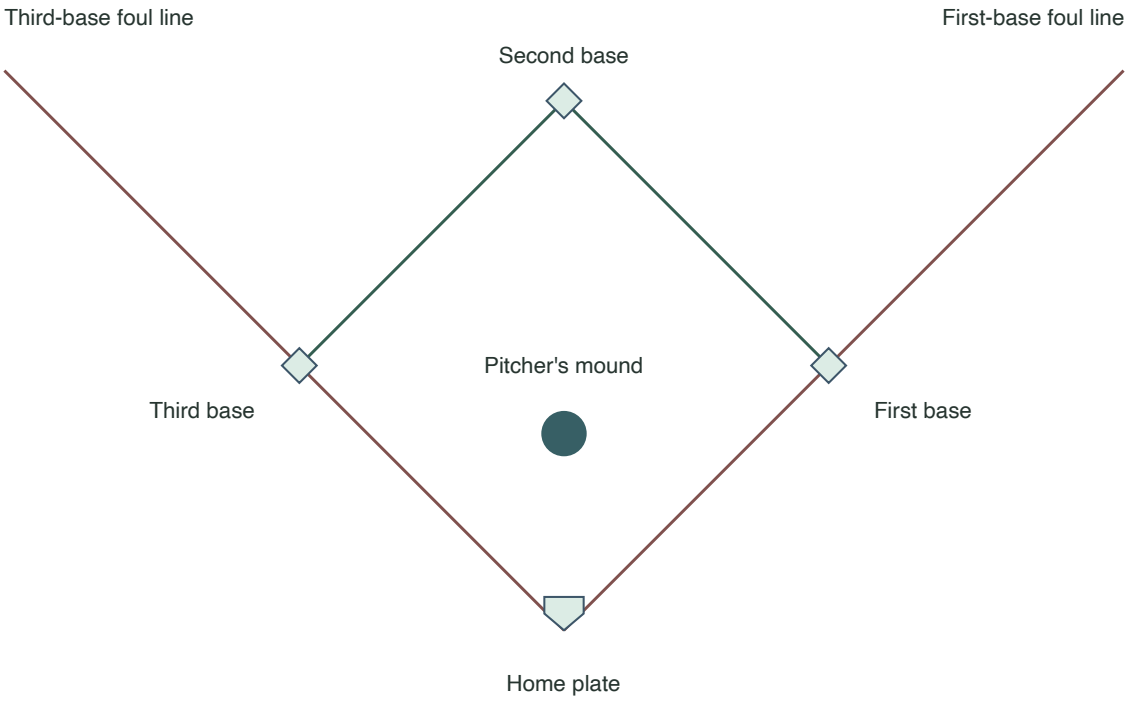
# Baseball Diamond Diagram

Reference | Labeled field plan | A4

Use the labeled plan as your model. Distances on this learning diagram are schematic.

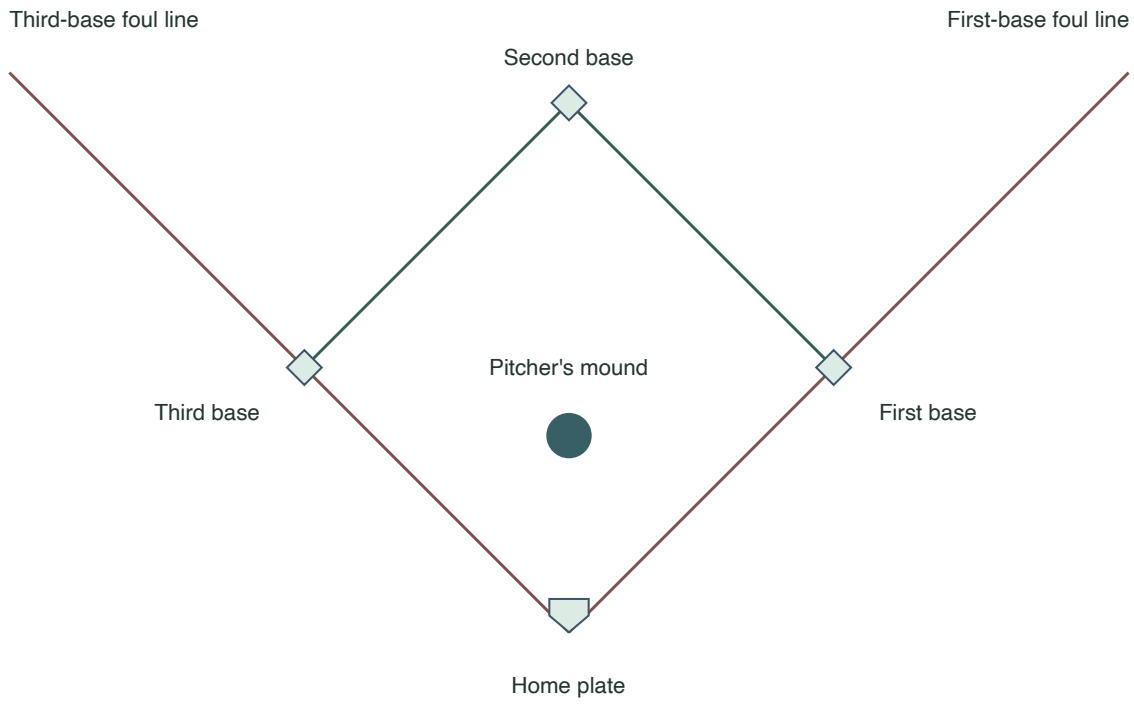


# Baseball Diamond Diagram

Reference | Worked example | A4

## Original prompt

Given only home plate at the bottom of a blank plan, place the bases, mound and foul lines, and explain each placement.




## Answer

Draw a square turned on its corner with home plate at the bottom corner. Mark first base at the right corner, second base at the top corner, third base at the left corner. Draw a small circle inside the square, on the line from home toward second — that is the pitcher's mound. Draw two straight lines from home plate: one through first base and one through third base, each continuing outward past the base. Check the result against the four checks in the reference section: square on its corner, bases in order, mound inside on the home–second line, foul lines through first and third.

## Reasoning

The diamond is a square rotated so its corners point up, down, left and right. Home is the bottom corner; the runner travels counter-clockwise (home to first to second to third). The mound lies on the home-to-second diagonal. Foul lines are straight rays from home through the first and third base corners.

## Check

Trace the perimeter from home: home → first → second → third → home. Confirm the mound is inside the square and lies on the home–second diagonal. Confirm each foul line passes exactly through a base corner and continues beyond it.