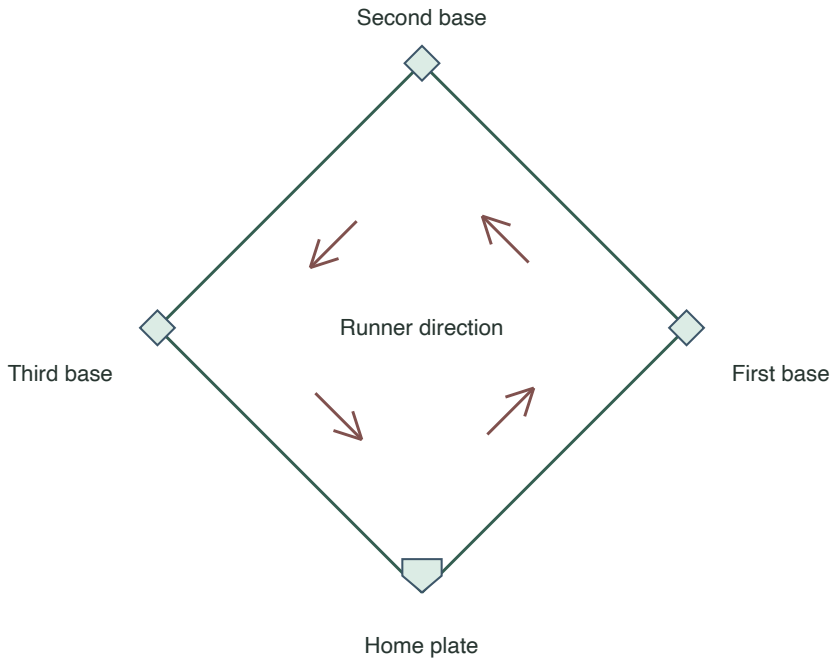
Baseball Diamond Diagram

Answer | Task 1 of 4 | LETTER

Original prompt

Task 1 — Label the diamond. A plan is drawn with a square turned on its corner and a home plate at the bottom corner. Label the three remaining base corners in the correct order and state which direction a runner travels around the diamond.



Answer

Right corner = first base; top corner = second base; left corner = third base. A runner travels counter-clockwise on the page: home → first → second → third → home.

Reasoning

The diamond is a square on its corner. With home at the bottom, the runner's path goes to the right corner first (first base), then the top (second), then the left (third), returning to home. This counter-clockwise order is a drawing choice for this sheet; the essential fact is the order home → first → second → third.

Check

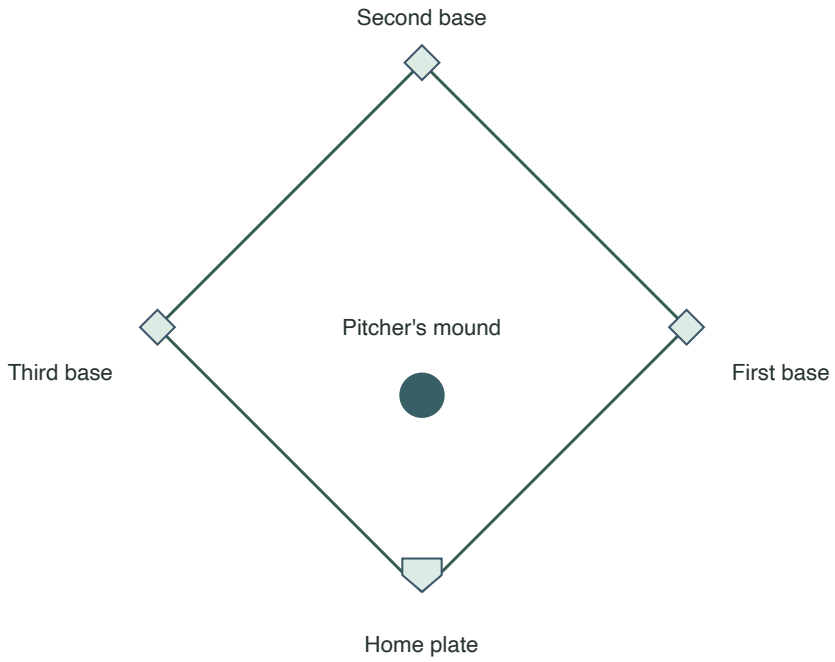
Start at home and move to the right corner. If that corner is labeled first base and the sequence continues first → second → third → home without crossing, the labeling is correct.

Baseball Diamond Diagram

Answer | Task 2 of 4 | LETTER

Original prompt

Task 2 — Place the mound. On the same diamond plan, describe where the pitcher's mound goes and draw it. Explain how you decided its position.



Answer

The mound is a circle inside the diamond, on the line running from home plate toward second base. Its exact position along that line is a drawing choice for this sheet; the key readable feature is that it sits inside the square on the home–second diagonal.

Reasoning

The mound lies on the home-to-second diagonal. Placing it on that line inside the square reflects that the pitcher stands between home and the middle of the infield. The exact offset is a layout choice for this sheet, not an official dimension.

Check

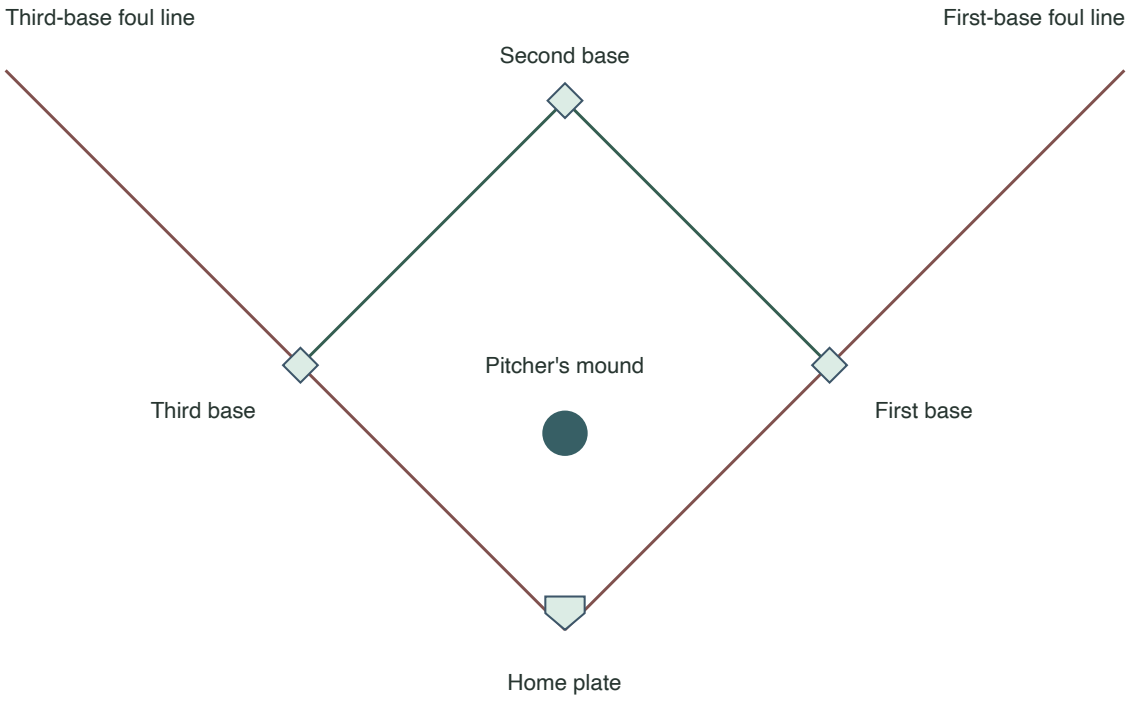
Confirm the circle is fully inside the diamond and lies on the home–second diagonal.

Baseball Diamond Diagram

Answer | Task 3 of 4 | LETTER

Original prompt

Task 3 — Draw the foul lines. From home plate, draw the two foul lines and state which bases each line passes through and where each line ends on the diagram.



Answer

One foul line leaves home plate, passes through first base, and continues outward past it. The other leaves home plate, passes through third base, and continues outward past it. Both lines start at home plate and extend beyond the bases toward the outfield edge of the diagram.

Reasoning

Foul lines are straight rays from home plate. The right-hand ray passes through the first-base corner; the left-hand ray passes through the third-base corner. They continue past the bases to mark the fair/foul boundary.

Check

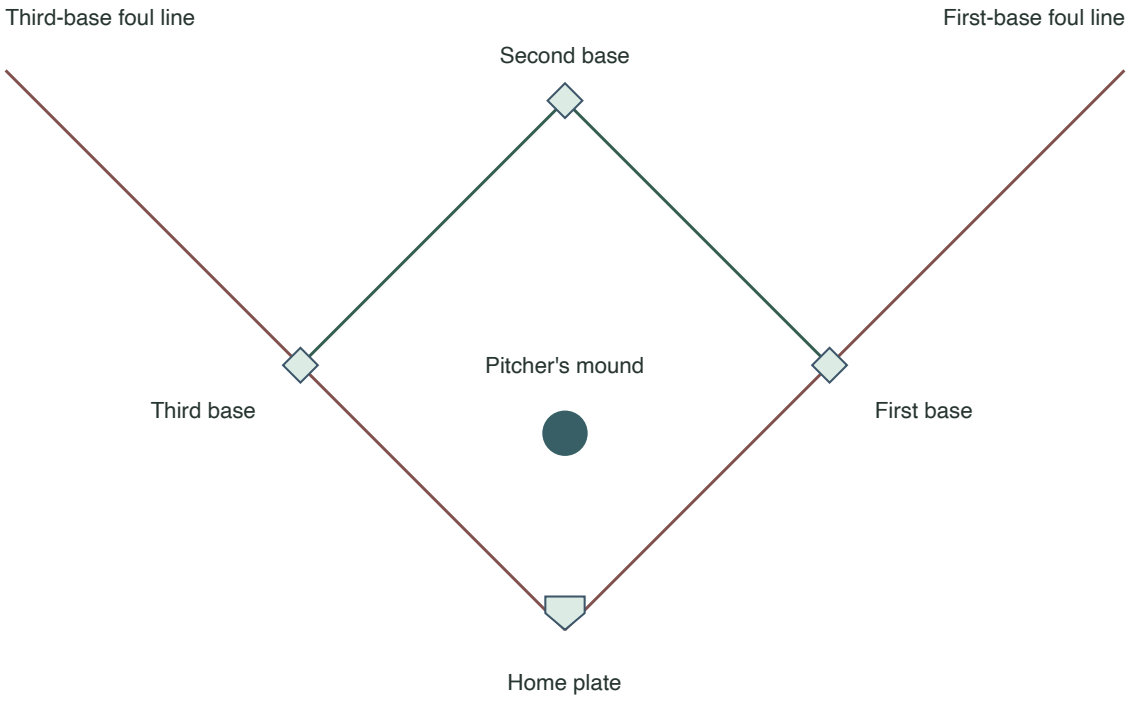
Place a straight edge from home plate through the first-base corner — it should continue in a straight line past the base. Repeat through the third-base corner. Both lines must begin exactly at home plate.

Baseball Diamond Diagram

Answer | Task 4 of 4 | LETTER

Original prompt

Task 4 — Redraw and check. Redraw the complete diagram (diamond, four bases, mound, two foul lines) from the reference, then run the four-point check and note any correction you had to make.



Answer

A correct redraw shows: a square turned on its corner; home at the bottom, first at the right, second at the top, third at the left; a mound circle inside the square on the home–second line; and two straight foul lines from home plate through first and third base, continuing outward. The four-point check is: square on its corner; bases in correct order; mound inside on the home–second line; foul lines through first and third from home.

Reasoning

Redrawing from the reference tests whether you can reproduce the layout's structure, not just recognize it. The check catches the common errors: a diamond drawn as an upright square, bases out of order, a mound outside the square or off the home–second line, or foul lines that miss the base corners.

Check

Compare your redraw to the reference figure feature by feature using the four-point check. Any feature that fails a check is the correction to note.