

The point where the sum of the distances from the four points on the convex polygon is the minimum

볼록 다각형 위치에 있는 네 점에서 거리의 합이  
최소인 점

(The point where the sum of the distances from the four points on  
the convex polygon is the minimum)

The point where the sum of the distances from the four points on the convex polygon is the minimum

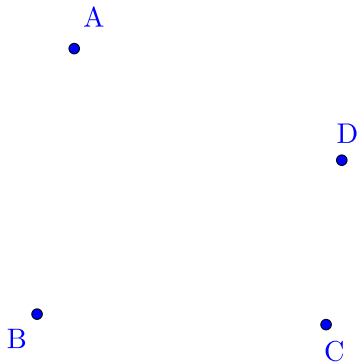
▶ Start

▶ End

The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

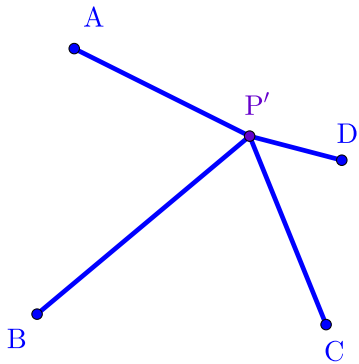




The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

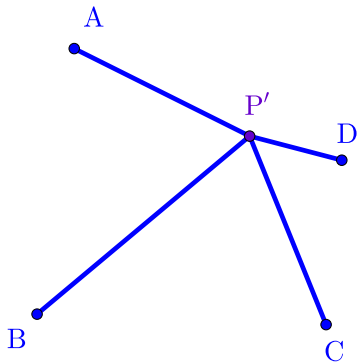


The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$



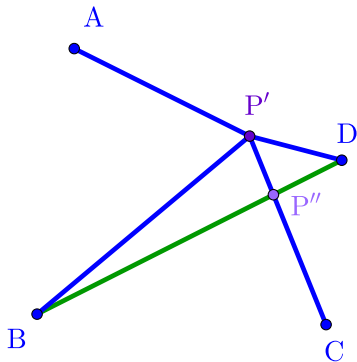


The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$



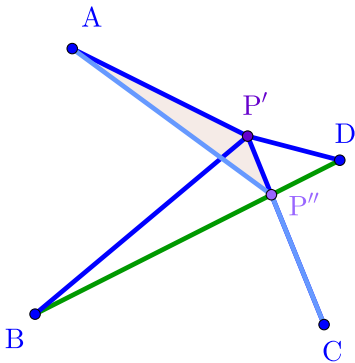


The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

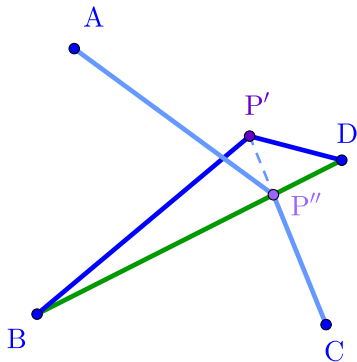


The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

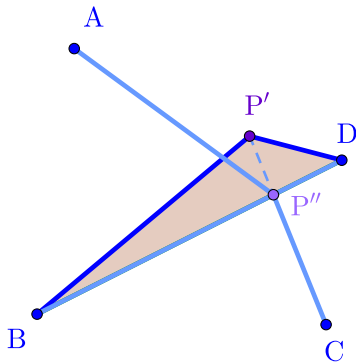




The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start ▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

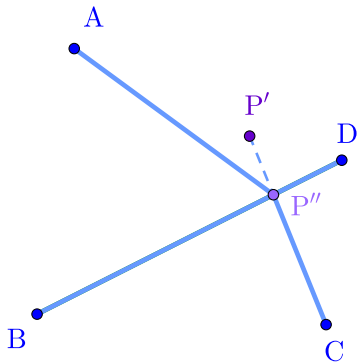


The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$



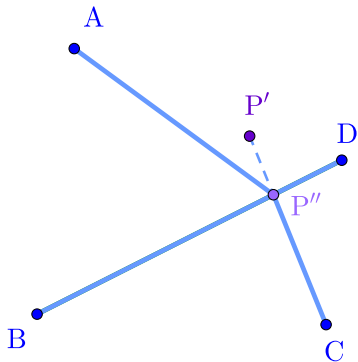
The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

$$\overline{AP''} + \overline{BP''} + \overline{CP''} + \overline{DP''} = 12.77$$



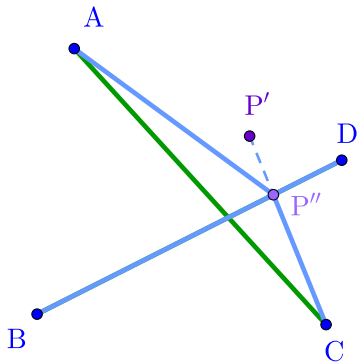
The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

$$\overline{AP''} + \overline{BP''} + \overline{CP''} + \overline{DP''} = 12.77$$



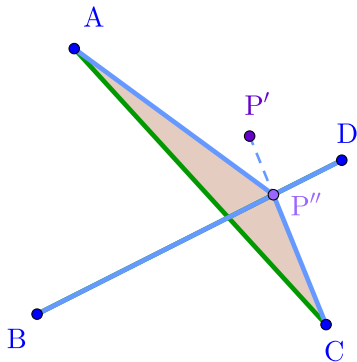
The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

$$\overline{AP''} + \overline{BP''} + \overline{CP''} + \overline{DP''} = 12.77$$





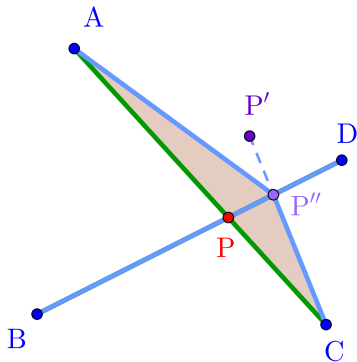
The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

$$\overline{AP''} + \overline{BP''} + \overline{CP''} + \overline{DP''} = 12.77$$



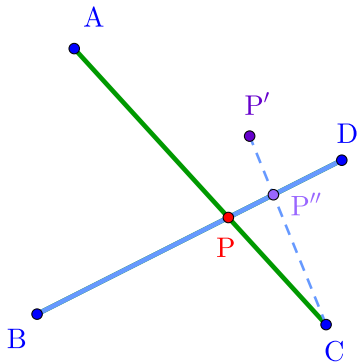
The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

$$\overline{AP''} + \overline{BP''} + \overline{CP''} + \overline{DP''} = 12.77$$



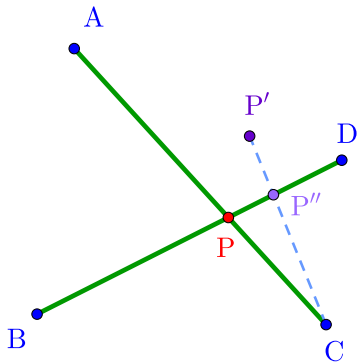
The point where the sum of the distances from the four points on the convex polygon is the minimum

▶ Start

▶ End

$$\overline{AP'} + \overline{BP'} + \overline{CP'} + \overline{DP'} = 13.53$$

$$\overline{AP''} + \overline{BP''} + \overline{CP''} + \overline{DP''} = 12.77$$





The point where the sum of the distances from the four points on the convex polygon is the minimum

Github:

<https://min7014.github.io/math20210903001.html>

Click or paste URL into the URL search bar,  
and you can see a picture moving.