△PQR is an equilateral triangle with sides of length 16 cm. Two sides of the triangle, $PR$ and $PQ$, are each divided into 8 segments of equal length. Each point of division on $PR$ is connected to its corresponding point of division on $PQ$, creating 7 line segments. The region formed between two of these line segments is shaded, as shown.

An altitude is constructed from $Q$ to $A$ on $PR$, dividing the shaded region into two parts. In this shaded region, determine the ratio of the area on the left side of the altitude to the area on the right side of the altitude.