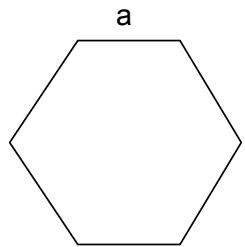


The perimeter of a regular hexagon is $84h + 12$. What is the length of one side?



All sides of a regular hexagon are equal, so the perimeter of a regular hexagon is $P=6a$.

Hence $6a=84h+12$ and $a=14h+2$