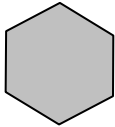
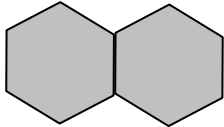


Hexagon-Pattern Train Problem

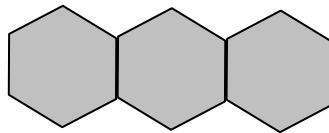
The task shows a drawing of a series of hexagon trains. The first train in this pattern consists of one regular hexagon. For each subsequent train, one additional hexagon is added.



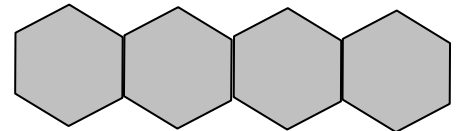
Train 1



Train 2



Train 3



Train 4

Write a description or rule that could be used to compute the perimeter of any train in the pattern.

Find as many ways as you can to compute and justify the perimeter for n trains in the pattern.

Use the edge length of a regular hexagon as the unit of measure.