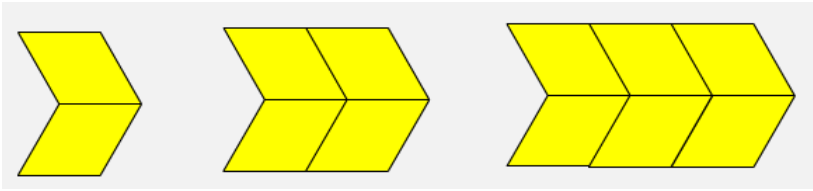


Perimeter patterns

name: _____

For problems 1 and 2, find the algebraic equation for what the perimeter is for a length n train, and explain how the equation fits the visual pattern. Draw and use color coding (or similar) to clarify your explanation.

1.



2.



3. If the pattern block train in #2 uses train uses 18 rhombi, how many triangles does it use? Explain how you know.