| Student name: | |
|---------------|--------|
| Date: | Block: |

Project name : Chain Patterns^

| Observations and doodles | | | | |
|---|-----------|--|--|--|
| 1] | Squares | | | |
| 11 | Pentagons | | | |
| | Hexagons | | | |
| 1,0000000000000000000000000000000000000 | Heptagons | | | |
| 1 ··· | Octagons | | | |
| | | | | |
| Some chains of regular figures, each with side lengths of 1, are shown above. | | | | |
| Which of the chains can't be extended to have a perimeter of exactly 50? | | | | |

| Solve + explain | | |
|-----------------|--|--|
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[^] Based on Brilliant.org: https://brilliant.org/100day/day95