Insights project: Inquiry model Student name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_\_

Project name : Chain Patterns^

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| Observations and doodles |
| Squares  Pentagons  Hexagons  Heptagons  Octagons  ../../../Desktop/WarmUp_ChainPatterns_Brilliant_95_100.png  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?** |

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| Solve + explain |
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