

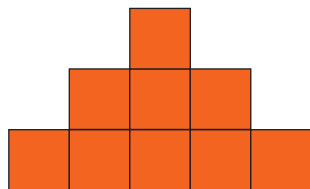
Chapter 12 – Rich task 2 - Nine squares

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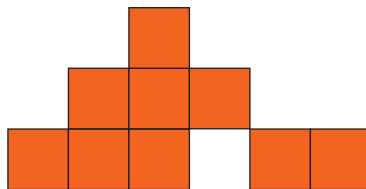
2

Nine squares

- 1 If the perimeter of **shape A** is **64 cm**, what is the perimeter of **shape B**?



shape A



shape B

Find the length of the side of each square first.



- 2 Draw some other arrangements of 9 small squares.
- Which one has the greatest perimeter?
 - Which one has the smallest perimeter?
 - What if you drew arrangements for 8 small squares? 7 small squares? 6 small squares? Is there a way of predicting which arrangement will give the greatest and which will give the smallest perimeters?

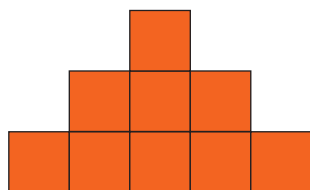
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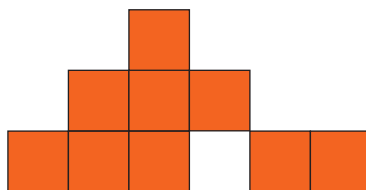
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