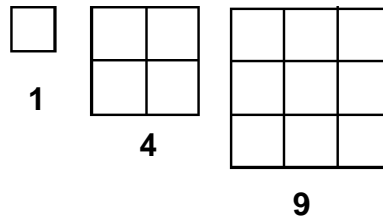


# Square Numbers

**Materials:** square tiles, squared grid paper (optional)

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1. Use square tiles to copy and extend the pattern below until you have a sequence of five squares.



2. Record and number the value of each square in the sequence.
3. What is the difference between the numbers in consecutive squares? Describe any patterns that you notice.
4. What do you think the value of the 6<sup>th</sup> term in the sequence will be? What about the 10<sup>th</sup>? Explain your thinking.