A row of hexagons can be made from toothpicks as follows.

(a) How many toothpicks do you need to have a row of 5 hexagons? Show how you found your answer.

(b) How many toothpicks do you need to have a row of 9 hexagons? Show how you found your answer.

(c) How many toothpicks do you need to have a row of 100 hexagons? Explain how you found your answer.

(d) Let N represent the number of hexagons. Let T represent the number of toothpicks. Write an equation that gives the total number of toothpicks for a given number of hexagons. Explain how you found your answer.
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