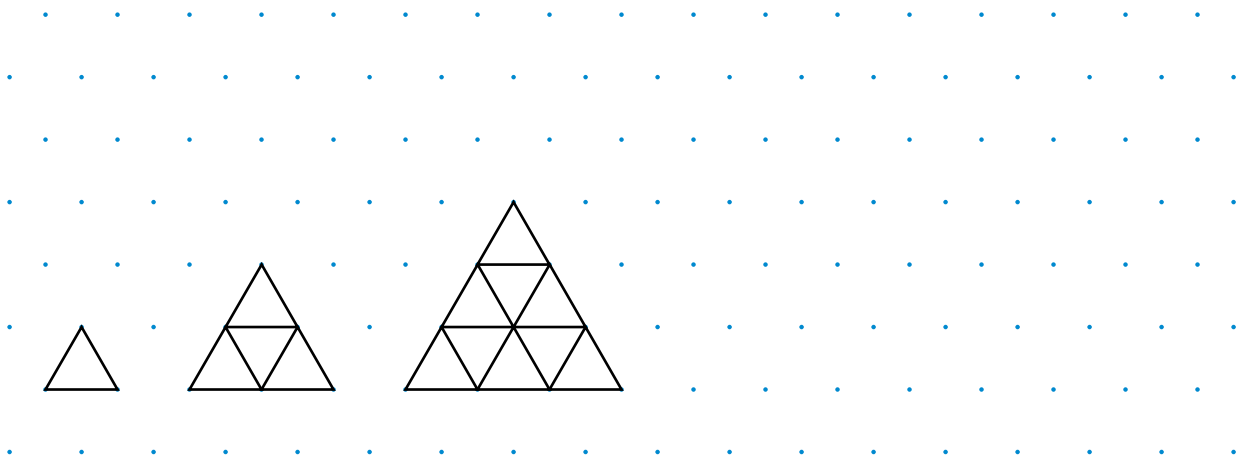


1 a. Draw the next shape in the pattern.



b. Describe the rule you used to extend the pattern.

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2 a. Extend the number pattern: 1, 4, 9, 16, 25, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b. Describe the rule you used to extend the pattern.

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c. Examine the number pattern in 2a. Write a rule involving multiplication to find these numbers. \_\_\_\_\_

What type of numbers are these? \_\_\_\_\_

3 a. Extend the number pattern: 1, 5, 12, 22, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

b. Describe the rule you used to extend the pattern.

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