

4**Using Pattern Rules**

Your Turn Questions

1. This pattern has the pattern rule
"Multiply a term's position by 4 and add 1":



What is the 20th term in the pattern?

- A** 80
B 81
C 99
D 100
2. A pattern has the rule
"Multiply a term's position by 6 and subtract 2."
In which position is the term with the value 76?
- A** 12th
B 13th
C 454th
D 74th

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Using Pattern Rules

Your Turn Questions (continued)

3. A pattern has the rule
"Multiply a term's position by 4 and subtract 1."
How would you figure out the position of the number 87
in the pattern?
4. For which of the following patterns would it be easier for you
to figure out the 100th term? Why?
- Pattern A:** Start at 8 and keep adding 3.
- Pattern B:** Multiply a term's position by 8 and subtract 5.