

A cartoon character of a notepad with a face, arms, and legs. It is holding a large yellow pencil and has just finished writing the letter 'M' on its top surface.

1

A



2

3

4

A

B

5

A

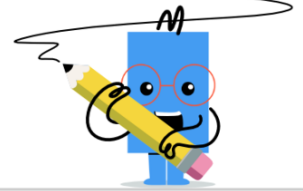
B

6

A

B

7



Describe pattern rules

8

3, 9, 27, 81, 243, 729

- | | |
|--|--|
| A Start at 3 and add 3 for each term | B Start at 4 and multiply by 3 for each term |
| C Start at 2 and multiply by 3 for each term | D Start with 3 and 6. Add the prior two terms for each subsequent term |
| E Start at 3 and multiply by 3 for each term | F Start at 3 and subtract 3 for each term |

9

Choose the rule that describes this pattern



- | | |
|---|------------------------------------|
| A
cherry, cherry, lemon, then repeat | B
watermelon, pear, then repeat |
|---|------------------------------------|

10

3, 9, 27

- | | |
|--|--|
| A Start at 3 and multiply by 3 for each term | B Start with 1 and 2. Add the prior two terms for each subsequent term |
|--|--|

11

Choose the rule that describes this pattern



- | | |
|---|---|
| A
cherry, orange, lemon, then repeat | B
orange, orange, cherry, lemon, then repeat |
|---|---|

12

Choose the rule that describes this pattern



- | | |
|-----------------------------------|---|
| A
pizza, sandwich, then repeat | B
hamburger, salad, fries, then repeat |
|-----------------------------------|---|

13

Repeating

- | | |
|--|---|
| A Start at 15 and subtract 1 for each term | B Find that 5, 1 repeats and repeat those numbers |
|--|---|

14

4, 6, 4, 6



- | | |
|---|--|
| A
Start at 1 and add 2 for each term | B
Find that 4, 6 repeats and repeat those numbers |
|---|--|

15

1, 3, 5, 7, 9

- | | |
|---|--|
| A Start at 1 and add 3 for each term | B Start with 1 and 3. Add the prior two terms for each subsequent term |
| C Start at 3 and add 2 for each term | D Start at 1 and add 2 for each term |
| E Start at 1 and subtract 2 for each term | F Start at 1 and multiply by 2 for each term |