Name

1 Find the rule that describes this pattern equation

$$a_n = 3 \times 4^{n-1}$$

A Start at 3 and multiply by 8 for each term	B Start at 0 and multiply by 4 for each term
C Start at 3 and multiply by 3 for each term	D Start at 2 and multiply by 4 for each term
E Start at 3 and subtract 4 for each term	F Start at 3 and multiply by 4 for each term

2 Find the rule that describes this pattern equation

$$a_n = 3 \times 3^{n-1}$$

A Start at 4 and multiply by 3 for each term	B Start at 3 and multiply by 3 for each term
C Start at 3 and multiply by 4 for each term	D Start at 7 and multiply by 3 for each term
E Start at 1 and multiply by 3 for each term	F Start with 3 and 6. Add the prior two terms for each subsequent term

3 Find the rule that describes this pattern equation

$$a_n = 1 \times 2^{n-1}$$

A Start at 1 and subtract 2 for each term	B Start with 1 and 3. Add the prior two terms for each subsequent term
C Start at 1 and multiply by 2 for each term	D Start at 1 and multiply by 0 for each term
E Start at 3 and multiply by 2 for each term	F Start at 1 and multiply by 6 for each term

4 Find the rule that describes this pattern equation

$$a_n = 2 \times 3^{n-1}$$

A Start at 2 and multiply by 3 for each term	B Start at 2 and subtract 3 for each term
C Start at 2 and multiply by 5 for each term	D Start at 2 and add 3 for each term
E Start at 5 and multiply by 3 for each term	F Start at 2 and multiply by 0 for each term

5 Find the rule that describes this pattern equation

$$a_n = 1 \times 5^{n-1}$$

A Start at 1 and subtract 5 for each term	B Start with 1 and 6. Add the prior two terms for each subsequent term
C Start at 1 and multiply by 6 for each term	D Start at 1 and multiply by 2 for each term
E Start at 1 and multiply by 7 for each term	F Start at 1 and multiply by 5 for each term

6 Find the rule that describes this pattern equation

$$a_n = 3 \times 2^{n-1}$$

A Start with 3 and 5. Add the prior two terms for each subsequent term	B Start at 3 and multiply by 2 for each term
C Start at 3 and subtract 2 for each term	D Start at 7 and multiply by 2 for each term
E Start at 3 and add 2 for each term	F Start at 3 and multiply by 6 for each term

7 Find the rule that describes this pattern equation

$$a_n = 2 \times 2^{n-1}$$

A Start at 2 and multiply by 2 for each term	B Start with 2 and 4. Add the prior two terms for each subsequent term
C Start at 1 and multiply by 2 for each term	D Start at 2 and subtract 2 for each term
E Start at 2 and multiply by 6 for each term	F Start at 2 and add 2 for each term

8 Find the rule that describes this pattern equation

$$a_n = 1 \times 4^{n-1}$$

A Start at -3 and multiply by 4 for each term	B Start at 1 and multiply by 4 for each term
C Start at 0 and multiply by 4 for each term	D Start at 2 and multiply by 4 for each term
E Start at 1 and add 4 for each term	F Start at 1 and subtract 4 for each term