Patterning - Concept Intro - Term List to Rule

1 Which rule would create this pattern?   1, 4, 9, 16

A	B
Start with 1 x 1. The next term is 2 x 2, and so on.	Start at 2 and add 4 for each term

2 Which rule would create this pattern?   2, 2, 4, 6, 10

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

3 Which rule would create this pattern?   8, 1, 8, 1

A	B
Start with 2 x 2. The next term is 3 x 3, and so on.	Find that 8, 1 repeats and repeat those numbers

4 Which rule would create this pattern?   2, 6, 18

A	B
Start at 2 and multiply by 3 for each term	Start at 3 and add 1 for each term

5 Which rule would create this pattern?   9, 16, 25, 36

A	B
Start at 3 and add 1 for each term	Start with 3 x 3. The next term is 4 x 4, and so on.

6 Which rule would create this pattern?   11, 9, 7, 5

A	B
Start at 1 and multiply by 1 for each term	Start at 11 and subtract 2 for each term

7 Which rule would create this pattern?   3, 9, 27

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

8 Which rule would create this pattern?   1, 1, 2, 3, 5, 8, 13, 21

A	B
Start at 1 and add 2 for each term	Start with 1 and 1. Add the prior two terms for each subsequent term