Patterns Study Guide

There are 2 main types of patterns; repeating and growing.

Repeating patterns:
1. A B C D A B C D
2. 1 2 1 2 1 2 1 2
3. ❥ ❥ ❥ ❥ ❥ ❥ ❥ ❥ ❥

Growing patterns
1. 2, 4, 6, 8, 10, 12
2. 14, 21, 28, 35,
3. 😊 😊 😊 😊 😊 😊 😊 😊 😊

*Double Repeating pattern (2 patterns together in one)*
1. AAB, AAABB,AAAA, BBB
2. CDD, CCDDD, CCCDDDD
3. A b C d a B c D a B C d a B c D A b C d

Label patterns using letters (A,B,C, etc.). Assign a new letter for each new piece of the pattern.

1. ◯ □ △ ◯ □ △
   
   A B C A B C

2. ◯ □ □ △ ◯ □ □ △ ◯ □ □ △
   
   A B B C A B B C A B B C

Try the practice activities on the back of the study guide.
Make your own repeating pattern. Explain why it is a repeating pattern.

Make your own growing pattern. Explain why it is a growing pattern.

Try a double repeating pattern for a challenge! Can you explain why it is a double repeating pattern?

Label the following pattern. (use A, B, C, D, etc.)

○ ○  ➙  ○ ○  □  ○ ○  ➙  ○ ○  □

___ ___  ___  ___  ___  ___  ___  ___  ___  ___  ___  ___  ___  ___