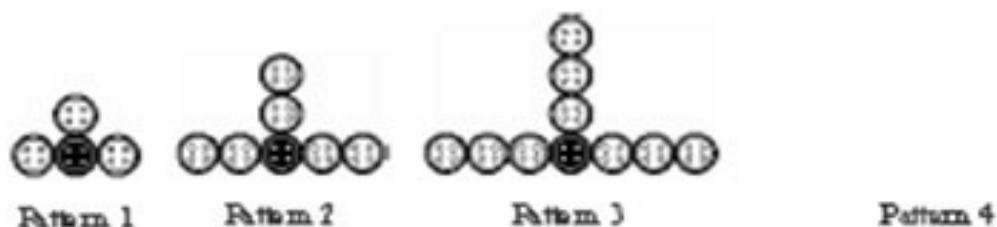


Gita plays with her grandmother's collection of black and white buttons. She arranges them in patterns. Her first 3 patterns are shown below.



1. Draw Pattern 4 next to Pattern 3.
2. How many white buttons does Gita need for Pattern 5 and Pattern 6?

Pattern 5 _____ Pattern 6 _____

Explain how you figured this out.

3. How many buttons in all does Gita need to make Pattern 11?

Explain how you figured this out.
