

Directions: Extend these patterns. Be ready to explain how you extended the pattern.

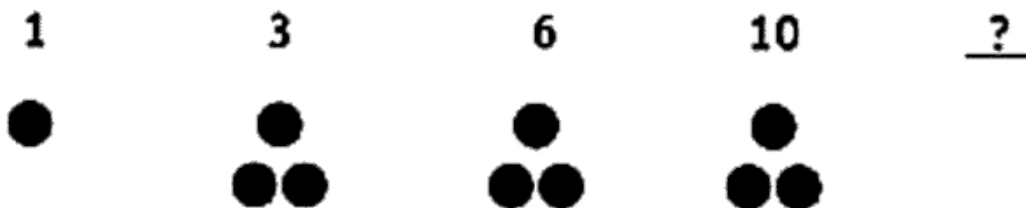
1) **1, 7, 14,** _____, _____, _____, _____

2) **24, 21, 18,** _____, _____, _____

3) **2, 4, 6,** _____, _____

4) **2, 5, 7, 10, 12, 15,** _____, _____, _____, _____

5) Sometimes number patterns can be shown geometrically. The drawings for 1 and 3 show how the pattern begins. Extend the pattern by sketching how 6 and 10 would look.



6) Predict the next numbers in the sequence. Check your answer by drawing the pattern. Describe in words how you could predict the next number in the sequence without the drawing.

1, 3, 6, 10, ?, ?

Describe: _____

