Indiana Course-Aligned Assessment
Algebra II – Sample Items

1. What is the 10th term of the sequence 3, 7, 11, 15,…?

   A 37

   B 39

   C 41

   D 43

2. The functions $f(x) = x^2$ and $g(x) = x^2 - 1$ are graphed on the same set of axes. The graph of $g(x)$ is the graph of $f(x)$ shifted

   A up 1 unit.

   B down 1 unit.

   C right 1 unit.

   D left 1 unit.

3. One factor of $g(x) = 2x^3 - 3x^2 - 17x - 12$ is $x + 1$. What are the zeros of $g(x)$?

Answer Key

Item	Answer	Alignment
1	B	A2.8.2
2	B	A2.3.4
3	-1.5, -1, 4	A2.5.7