Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_

GPS Advanced Algebra Unit 4 Wednesday, January 16, 2012

\_\_\_\_1. Which one of the following functions is even?

A. f(x) = x4 + x3

B. g(x) = x4 + x2

C. h(x) = x5 + x3

D. k(x) = x3 + x

\_\_\_\_2. Which one of the following functions is odd?

A. f(x) = 3x4 - 4x3

B. g(x) = 5x4 + 3x2

C. h(x) = 6x5 - x3

D. k(x) = x6 + 8x2

![image]]()\_\_\_\_3. The function shown in the graph is:

A. Even

B. Odd

C. Neither even nor odd

D. Both even and odd

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_

GPS Advanced Algebra Unit 4 Wednesday, January 16, 2012

\_\_\_\_1. Which one of the following functions is even?

A. f(x) = x4 + x3

B. g(x) = x4 + x2

C. h(x) = x5 + x3

D. k(x) = x3 + x

\_\_\_\_2. Which one of the following functions is odd?

A. f(x) = 3x4 - 4x3

B. g(x) = 5x4 + 3x2

C. h(x) = 6x5 - x3

D. k(x) = x6 + 8x2

![image]]()\_\_\_\_3. The function shown in the graph is:

A. Even

B. Odd

C. Neither even nor odd

D. Both even and odd

\_\_\_\_4. The function shown in the graph is:

A. Even

B. Odd

C. Neither even nor odd

D. Both even and odd



\_\_\_5. The function shown in the graph is:

A. Even

B. Odd

C. Neither even nor odd

D. Both even and odd

\_\_\_\_4. The function shown in the graph is:

A. Even

B. Odd

C. Neither even nor odd

D. Both even and odd



\_\_\_5. The function shown in the graph is:

A. Even

B. Odd

C. Neither even nor odd

D. Both even and odd