



Examples & Questions

Examples 1

Q: What do you notice about the graphs that can help you identify whether the function is even or odd?

Q: When is it helpful to test points to determine whether a function is odd or even?

Examples 2

Part A

Q: If the highest degree of a function is even, why isn't that enough to say that it is an even function?

Part B

Q: If the highest degree of a function is odd, why isn't that enough to say that it is an odd function?

Examples 3

Part A:

Q: Compare and contrast the two functions shown in the graph.

Part B:

Q: Is the order in which you apply the transformations important?

Q: Why is knowing the graph of the parent function a valuable too?

Examples 4

Part A:

Q: What key features of a graph can you use to determine the transformation of a present function ?

Part B: Q: What is the end behavior of the graph?

Examples 5 Q: What does it mean to maintain the relationship between width and the other dimensions?

Examples 6 O: Why is the solution of the inequality

Q: Why is the solution of the inequality the same as the intervals where the graph of P(x) is below the *x*-asis?

Practice and Problem Solving Complete MathXL for School: Practice and Problem Practice (online) Complete MathXL for School: Enrichment(online) Complete MathXL for School: Mixed Review (online)

Challenge: #11, 12, 27 – key will be posted in Power School Learning.

Lesson Quiz 3.7