

Name _____

Date _____

State whether the following is Even, Odd or Neither

1. $f(x) = 2x^4 - x^3 + 4x - 6$

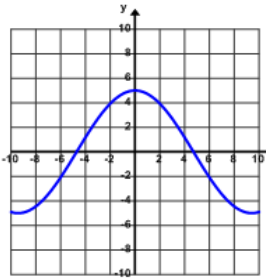
3. $h(x) = -2x^3 + 5x$

2. $f(x) = 8x^2 - 12$

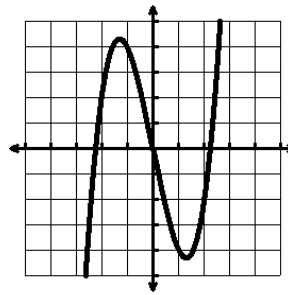
4. $f(x) = 7x^4 + 3x^2 - 4x$

State whether the following is Even, Odd or Neither

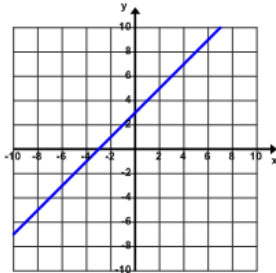
5.



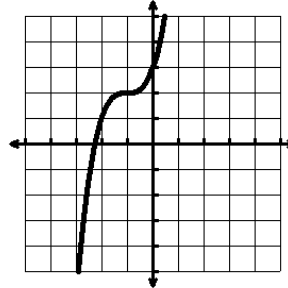
7.



6.



8.



Use the graph and find the following:

9. Domain: _____ 10. Range: _____

11. Intervals of Increasing: _____

12. Intervals of Decreasing: _____

13. Relative Maximums: _____

14. Relative Minimums: _____

15. # of Extrema: _____

16. Y-int _____ 17. Even, Odd, Neither?

18. End Behavior As $x \rightarrow -\infty$, $f(x) \rightarrow$ _____
As $x \rightarrow \infty$, $f(x) \rightarrow$ _____

