Algebra 2 Review Quiz (Chapters 1-2) LOOKALIKE

Name _____

_____ 1. Solve: $-6n \leq -12$

_____ 2. Solve: $\frac{2n-6}{4} = \frac{n+3}{3}$

_____ 3. Solve: $-2(-2a - 4) = 2(a + 2)$

_____ 4. Solve: $8n - (2n - 4) = n + 3n - 1 - 11$

_____ 5. Solve: $|n + 1| - 4 = 9$

_____ 6. Solve: $|2n + 1| \leq 13$

_____ 7. Solve: $|n - 3| > -3$

_____ 8. In interval notation, what is $-2 < x \leq 8$?

_____ 9. In interval notation, what is $x \leq 9$?

_____ 10. What best describes Graph 1 on the Graph page?

A. Continuous
B. Infinite Discontinuity
C. Jump Discontinuity
D. Endpoint Discontinuity
E. Removeable (Hole) Discontinuity

_____ 11. What is the DOMAIN of Graph 2 on the Graph Page?

_____ 12. What is the RANGE of Graph 2 on the Graph Page?

_____ 13. What is the domain of $f(x) = \frac{2x}{2x-8}$?

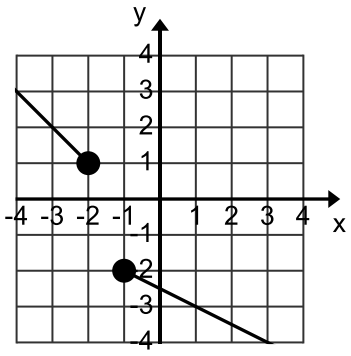
_____ 14. What is the domain of $f(x) = \sqrt{x-4}$?

_____ 15. Looking at Graph 3, what is the Absolute Maximum of the graph?

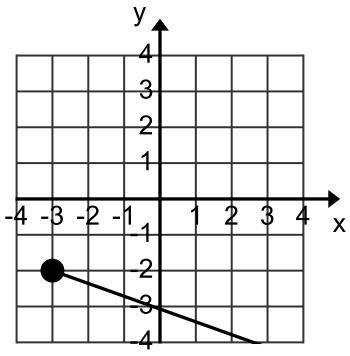
_____ 16. Looking at Graph 3, what interval is the graph decreasing?

Graph Page

Graph 1



Graph 2



Graph 3