

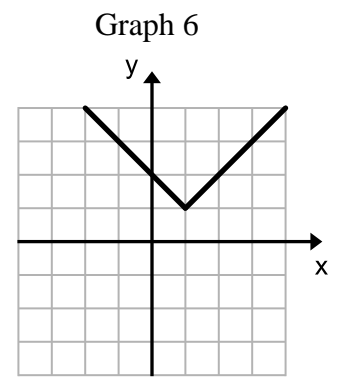
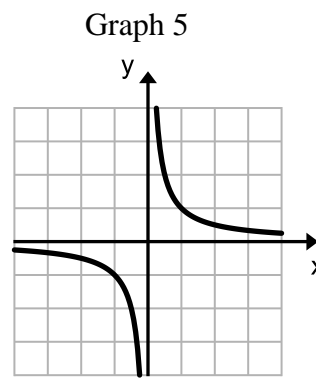
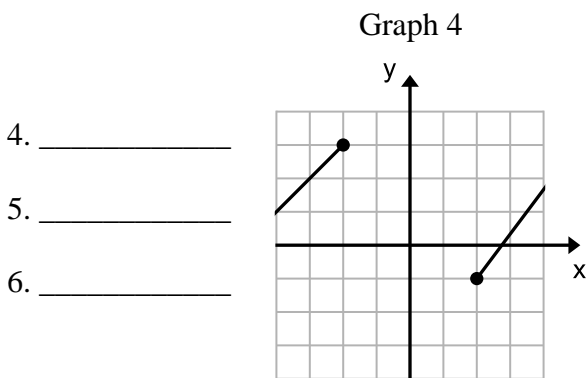
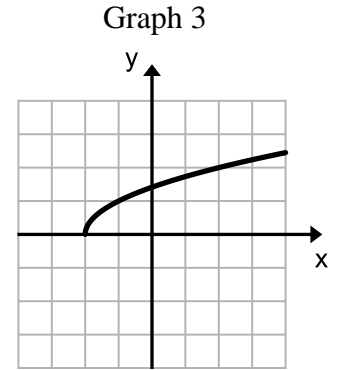
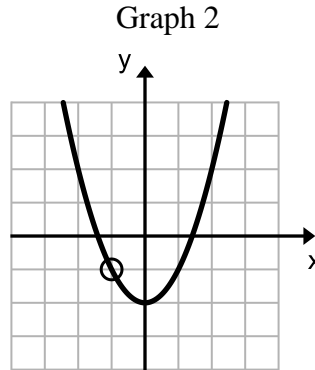
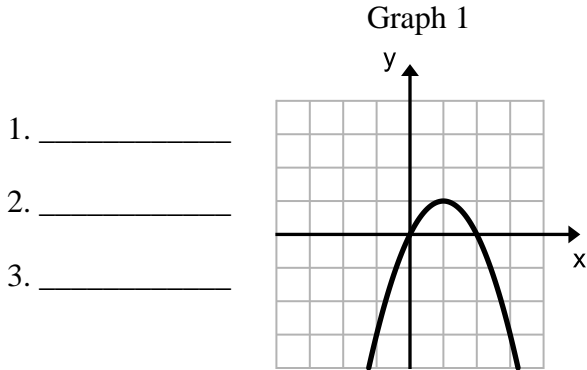
2-1 Continuity and Notation (Interval/Inequality)

Name: _____

Time Start: _____ Finish: _____

Total Time = _____

Look at the graphs and classify as Continuous or Discontinuous. If it is discontinuous, state what type it is such as infinite, removeable (hole), jump, or endpoint.



- _____ 7. Change to interval notation: $x > 4$
- _____ 8. Change to interval notation: $x \leq 2$
- _____ 9. Change to inequality notation: $(-\infty, 6]$
- _____ 10. Change to interval notation: $5 < x \leq 8$
- _____ 11. Change to inequality notation: $(-3, 8]$
- _____ 12. Change to inequality notation: $[7, \infty)$
- _____ 13. Change to interval notation: $x > -10$
- _____ 14. Change to inequality notation: $(-\infty, \infty)$
- _____ 15. Change to interval notation: $-6 < x < 8$