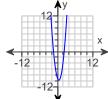
Quiz 1.4

- 1. D. (3,2); x = 3; maximum: 2
- 2. C. (-2,3)
- 3. D. $x = \frac{13}{2}$
- 4. D. Minimum: 7
- 5. D. Maximum: -2

6.



- C.
- 7. B. [− 3,∞)
- 8. A. $(-\infty, -3]$
- 9. A. Increasing on $(1,\infty)$; decreasing on $(-\infty,1)$