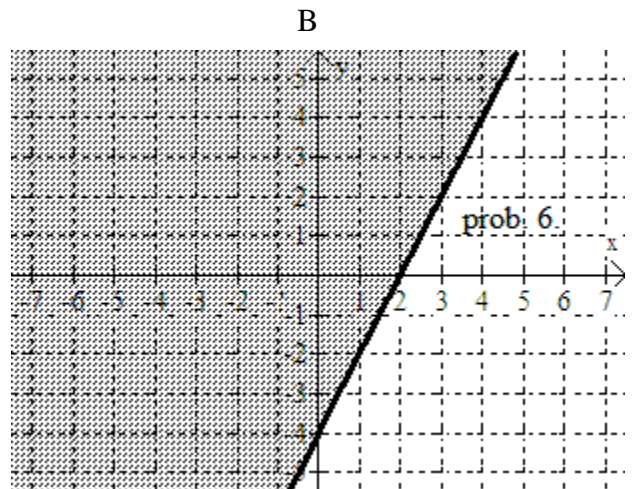
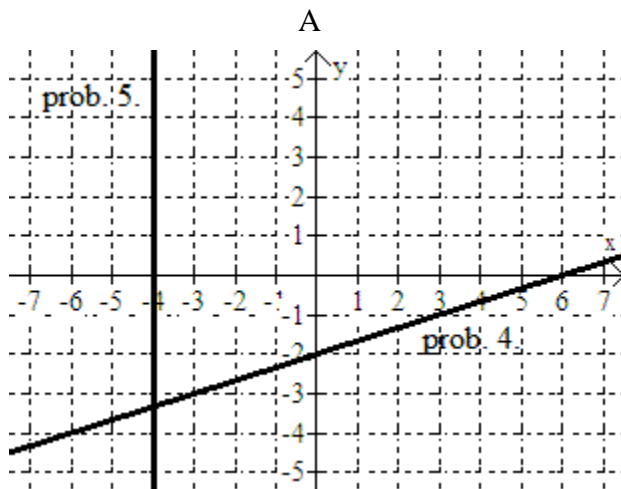
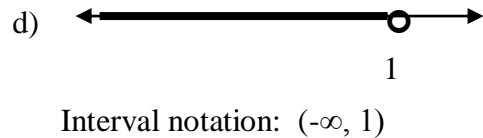
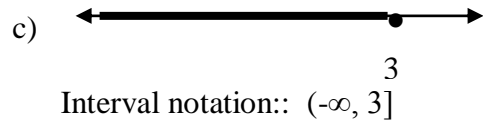
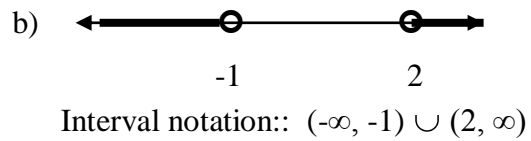
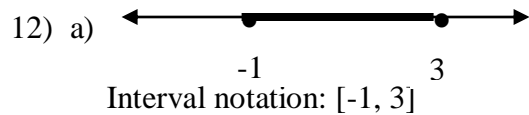


9. Solve $\frac{2}{3}(6x-15) = 3x-5(3-x)$ for x .
10. Solve the inequality $-3x-9 \leq 17$.
11. a) Find the point of intersection of the lines $3x-3y=5$ and $y=\frac{3}{2}x-4$. Give answer as an ordered pair.
 b) Find the point of intersection of the lines $2x+7y=-9$ and $y=-3$. Give answer as an ordered pair.
12. Graph the solutions to the following compound inequalities on a number line. Also describe the solutions using interval notation.
 a) $x \leq 3$ and $x \geq -1$ b) $x < -1$ or $x > 2$ c) $x \leq 3$ or $x \leq 2$ d) $x < 3$ and $x < 1$

Sample review answers

1. a) $17/5$ b) $-7/4$
 2. a) $16/81$ b) $17/5$
 3. a) x-inter.: $(9/2, 0)$ y-inter.: $(0, -3)$
 4. See graph A below.
 5. See graph A below.
 6. See graph B below.
 7. $y = -\frac{3}{2}x + 2$
 8. a) $x = 13/5$ $y = -8/5$
 b) $x = -3, y = 0, z = 4$
 9. $x = 5/4$
 10. $x \geq -26/3$ or $\left[-\frac{26}{3}, \infty\right)$
 11. (14/3, 3) b) (6, -3)



Resources available:

- **Math Help Session** – Math Help Session will start each term in the first week of classes, in BHL 107. Schedules will be posted around Bauer Hall. During the posted hours, free tutoring is available from instructors who have volunteered their time. Also, there are video tapes and TV/VCR combos in this room, as well as computers with some tutoring programs available for help. See <http://web.clark.edu/math/helpsess.htm> for the current schedule.
- **Tutoring/Writing Center** – Tutoring services are available free of charge to all registered Clark College students. Tutors recommended by the faculty provide help in many subject areas. You are encouraged to visit the Tutoring / Writing Center, in HKH 102, early in the quarter to request help and check posted tutor schedules. There is a TWC Annex in AA4 Rm. 106. (From <http://cf.clark.edu/HoursLocation/normal/tutoringCenter.cfm>)
- **Websites**
 - <http://www.purplemath.com/modules/index.htm>
 - <http://www.sosmath.com/algebra/algebra.html>
 - <http://www.interactmath.com/> – this website accompanies our Math 105/106 textbooks and contains guided tutorials for not only those classes, but also for any algebra textbook by the same publisher. (e.g. Bittinger: Elementary & Intermediate Algebra Graphs & Models, 3e ENHANCED will contain useful examples and practice problems.)
***Note:** the download and installation of a plug-in is required.*
- **Books for possible review**
 - Forgotten Algebra (Paperback) by Bleau,
ISBN-13: 978-0764120084 (Available in the Clark library and bookstore.)
 - Algebra I (Cliffs Quick Review) (Paperback) by Bobrow,
ISBN-13: 978-0764563706 (Available in the Clark library and bookstore.)
 - Schaum's Outline of Elementary Algebra (Paperback),
ISBN-13: 978-0071410830