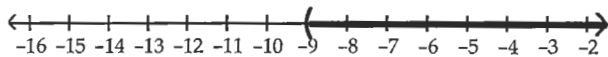


Answer Key

Testname: MAT100REVIEWEXAM1

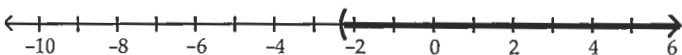
- 1) $\frac{9}{4}$
- 2) $-\frac{2}{3}$
- 3) Parallel
- 4) Perpendicular
- 5) Parallel
- 6) $y = -2x$
- 7) $2x + 3y = 19$
- 8) $2x - 3y = -15$
- 9) $10x + 13y = 8$
- 10) $y = \frac{7}{5}x + \frac{67}{5}$
- 11) $y = -\frac{4}{3}x + 4$
- 12) $\{(3, 8)\}$
- 13) $\{(10, 10)\}$
- 14) $\{(-6, 2)\}$
- 15) $\left\{\frac{1}{4}, -\frac{7}{2}\right\}$
- 16) 30
- 17) 505 boxes
- 18) 100 lb
- 19) \$26,000
- 20) $(-9, \infty)$



21) $(-2, \infty)$



22) $\left(-\frac{7}{3}, \infty\right)$



23) $[8, \infty)$

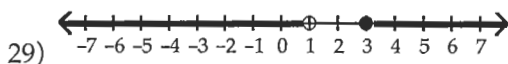
24) $(-\infty, -1)$

25) $\left\{x \mid x < \frac{3}{2}\right\}$

26) \$7000

27) 3000 copies

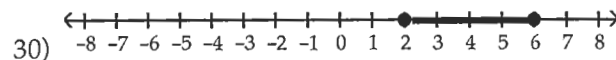
28) \emptyset



29) $(-7, 3)$

Answer Key

Testname: MAT100REVIEWEXAM1



30) $[2, 6]$

31) $\{24, 60\}$

32) $\left\{\frac{5}{3}, \frac{9}{13}\right\}$

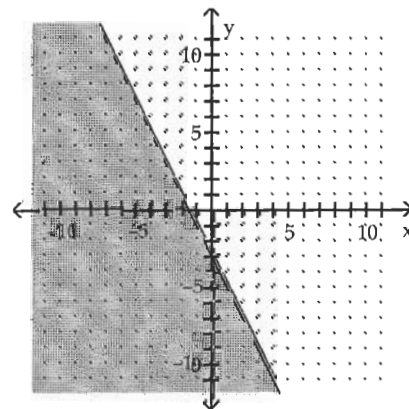
33) $\{-8, 2\}$

34) $(-\infty, \frac{5}{4}) \cup (\frac{13}{4}, \infty)$

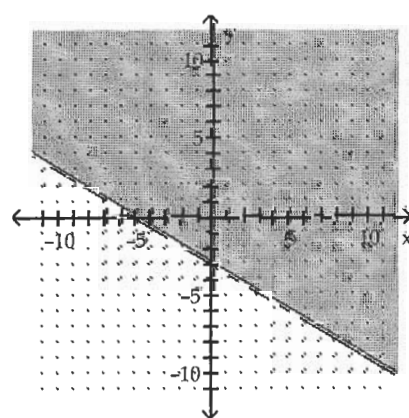
35) $\left(-\frac{4}{7}, \frac{2}{7}\right)$

36) $\left(-\frac{23}{8}, \frac{31}{8}\right)$

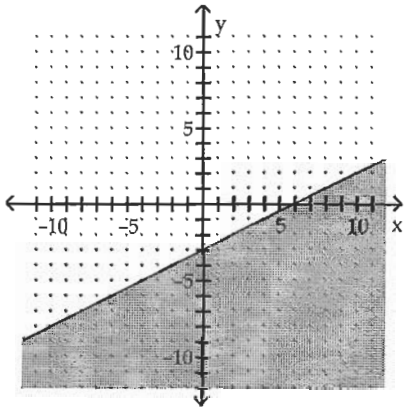
37)



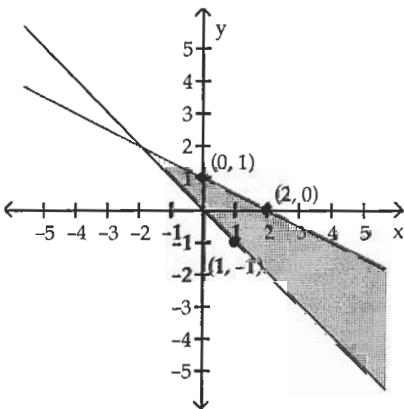
38)



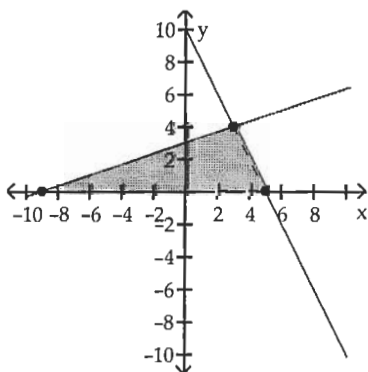
39)



40)

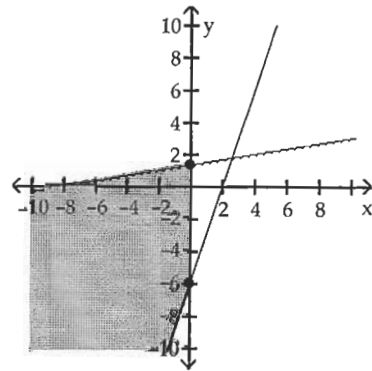


41)



$(-9, 0), (3, 4), (5, 0)$

42)



$(0, \frac{4}{3}), (0, -6)$

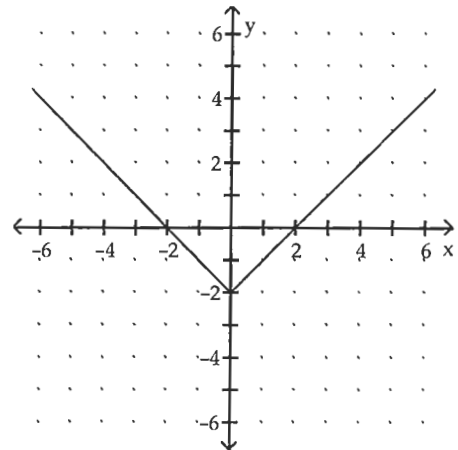
43) $\{x \mid -1 \leq x \leq 4\}$

44) $\{y \mid -4 \leq y \leq 2\}$

45) \$8.90

46) \$506

47)



48)

