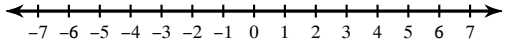
Pre-Algebra Name_____ ID: 1

Assignment

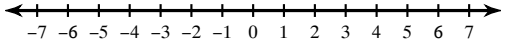
Date_____ Period____

Draw a graph for each inequality.

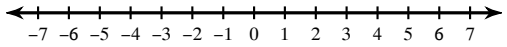
1) $x < 2$



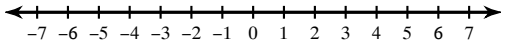
2) $5 \leq n$



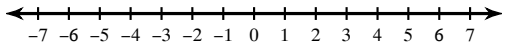
3) $3 > m$



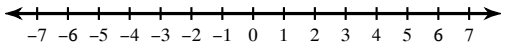
4) $n \geq -6$



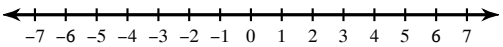
5) $6 > x$



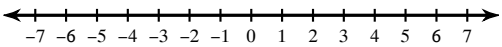
6) $6 < r$



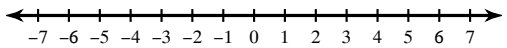
7) $-6 \leq r$



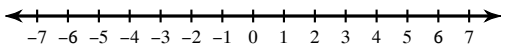
8) $a < -5$



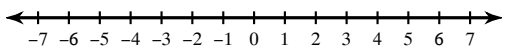
9) $p \leq 4$



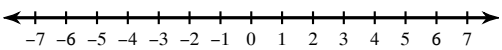
10) $-3 < n$



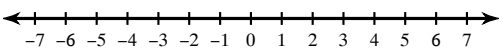
11) $x < -3$



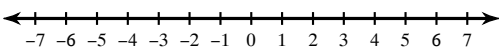
12) $-6 > b$



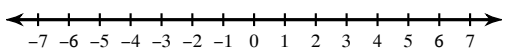
13) $-6 < p$



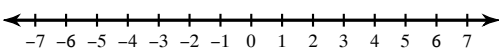
14) $m < -1$



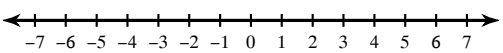
15) $n \leq -6$



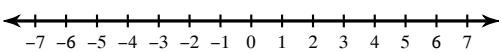
16) $n < 3$



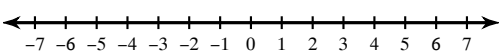
17) $x \geq 0$



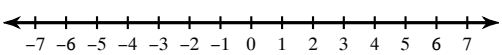
18) $b < 0$



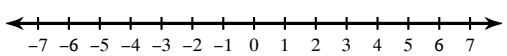
19) $x > -6$



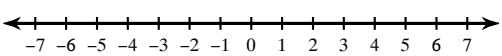
20) $p < 6$



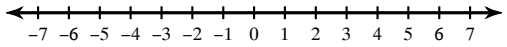
21) $n < 5$



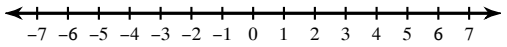
22) $a < -4$



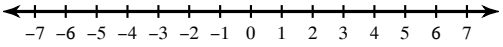
23) $v \leq -4$



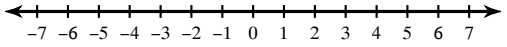
24) $x > 5$



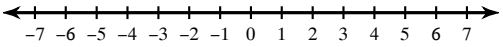
25) $2 \leq p$



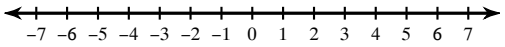
26) $n \geq 6$



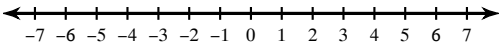
27) $-5 \leq b$



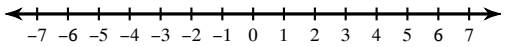
28) $-1 > x$



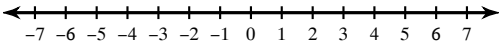
29) $v \geq -2$



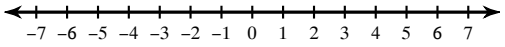
30) $x > 6$



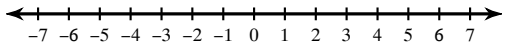
31) $-2 < x$



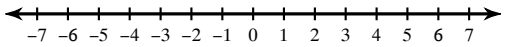
32) $r \leq 6$



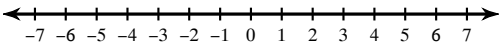
33) $6 \geq x$



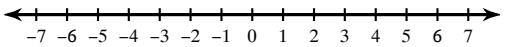
34) $0 \leq n$



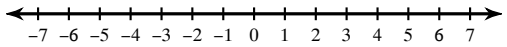
35) $x \geq 3$



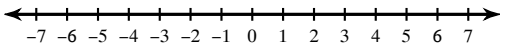
36) $-3 > x$



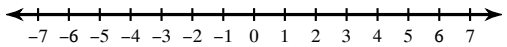
37) $1 \geq k$



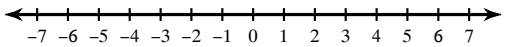
38) $a < 1$



39) $-1 \geq r$

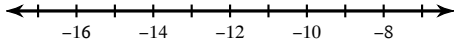


40) $x \geq 4$

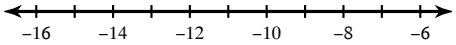


Solve each inequality and graph its solution.

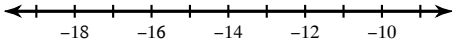
41) $-5 \geq n + 5$



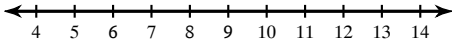
42) $-24 > n - 10$



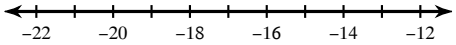
43) $5 < n + 16$



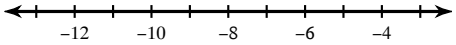
44) $-6 > -18 + x$



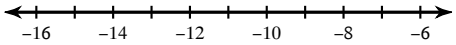
45) $-29 \leq x - 9$



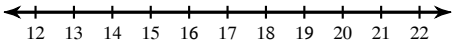
46) $16 + n \leq 10$



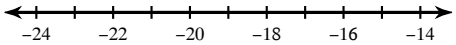
47) $m + 16 > 3$



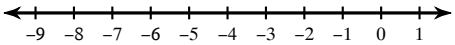
48) $6 < x - 8$



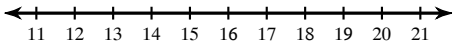
49) $-33 \leq n - 14$



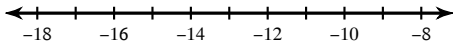
50) $m - 3 > -9$



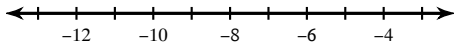
51) $x - 10 \geq 3$



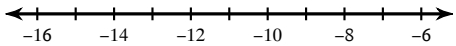
52) $n + 18 \leq 8$



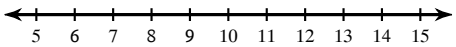
53) $-15 \geq r - 6$



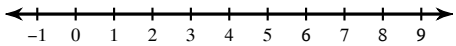
54) $-28 > b - 14$



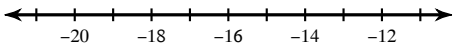
55) $b - 14 > -3$



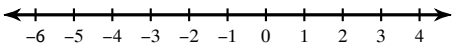
56) $r + 8 \leq 11$



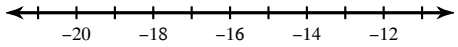
57) $-23 \leq x - 4$



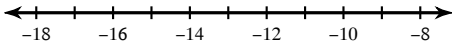
58) $x + 5 \geq 3$



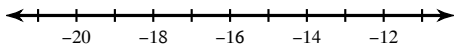
59) $v - 3 \leq -16$



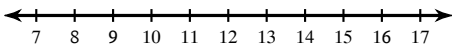
60) $-20 \geq -10 + m$



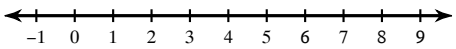
61) $13 + n < -1$



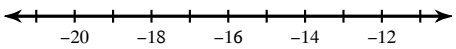
62) $a - 15 < -6$



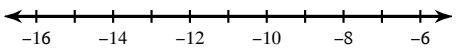
63) $-13 \leq n - 15$



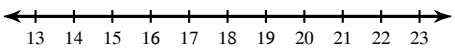
64) $-26 > v - 7$



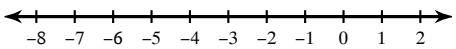
65) $-3 + p \geq -14$



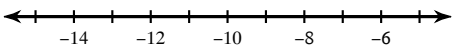
66) $-4 \leq n - 19$



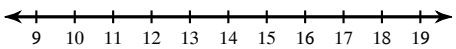
67) $-13 \leq -10 + n$



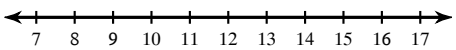
68) $x + 17 \geq 5$



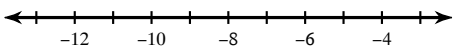
69) $r - 10 \geq 4$



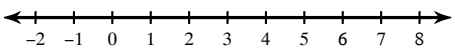
70) $23 > n + 13$



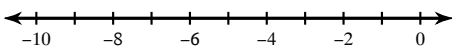
71) $-28 \leq x - 20$



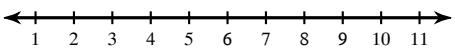
72) $n - 9 \geq -4$



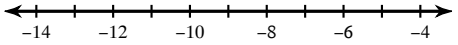
73) $-25 < n - 17$



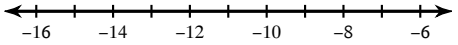
74) $-17 + p \geq -8$



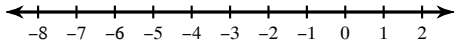
75) $-14 + n > -22$



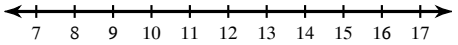
76) $-27 > v - 13$



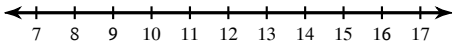
77) $4 > n + 9$



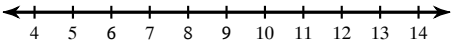
78) $n + 11 \leq 25$



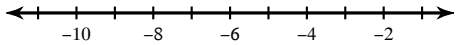
79) $4 < r - 10$



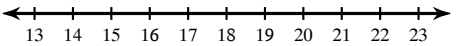
80) $29 \leq x + 19$



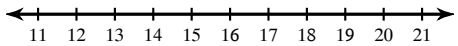
81) $-18n \geq 72$



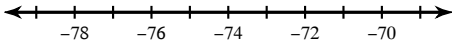
82) $-96 > -6p$



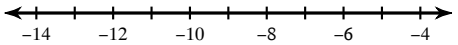
83) $-96 < -6n$



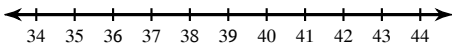
84) $\frac{x}{15} \leq -5$



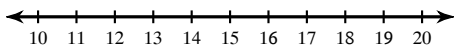
85) $6x > -66$



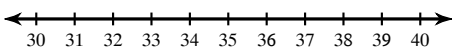
86) $\frac{b}{3} < 12$



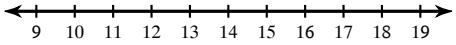
87) $-15p \geq -270$



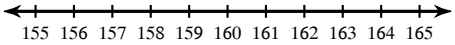
88) $9 > \frac{r}{4}$



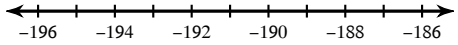
89) $323 < 19m$



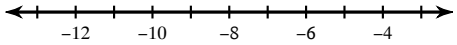
90) $\frac{n}{16} \geq 10$



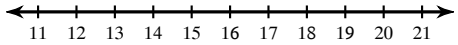
91) $\frac{x}{19} \leq -10$



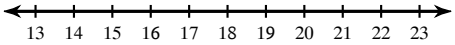
92) $-15k > 75$



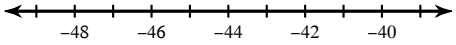
93) $-256 < -16x$



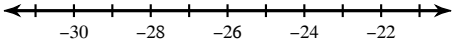
94) $15x \geq 285$



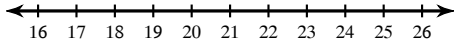
95) $-6 < \frac{n}{7}$



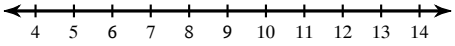
96) $\frac{x}{2} \geq -14$



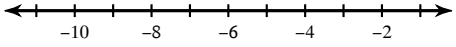
97) $-16a > -320$



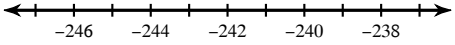
98) $90 < 15n$



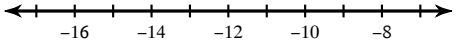
99) $-8b < 40$



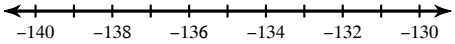
100) $\frac{n}{15} > -16$



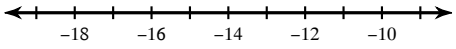
101) $-42 < 3a$



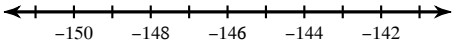
102) $\frac{n}{15} \geq -9$



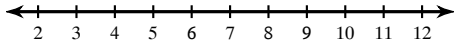
103) $208 \geq -13k$



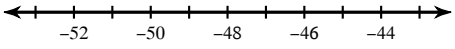
104) $-9 < \frac{x}{16}$



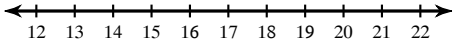
105) $\frac{9}{5} \geq \frac{v}{5}$



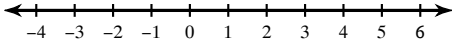
106) $-15 < \frac{x}{3}$



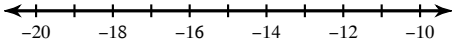
107) $\frac{n}{11} \geq \frac{19}{11}$



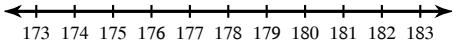
108) $-7x \geq 14$



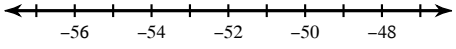
109) $\frac{x}{2} \leq -7$



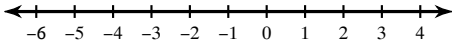
110) $10 > \frac{a}{18}$



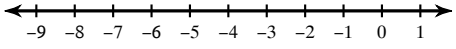
111) $-13 < \frac{n}{4}$



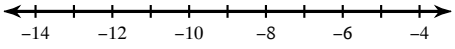
112) $19n \leq -19$



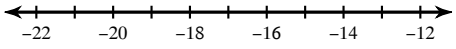
113) $18 \geq -18k$



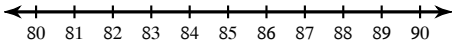
114) $-160 < 16n$



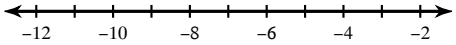
115) $-304 < 19a$



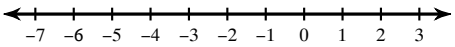
116) $12 > \frac{k}{7}$



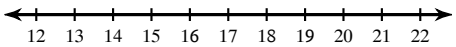
117) $\frac{n}{2} \leq -2$



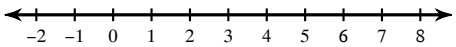
118) $-45 \leq 15n$



119) $-3x > -60$



120) $18p \geq 54$



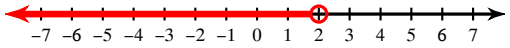
Pre-Algebra Name_____ ID: 1

Assignment

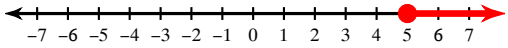
Date_____ Period____

Draw a graph for each inequality.

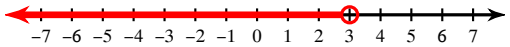
1) $x < 2$



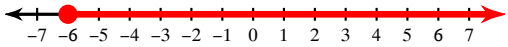
2) $5 \leq n$



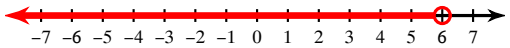
3) $3 > m$



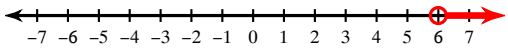
4) $n \geq -6$



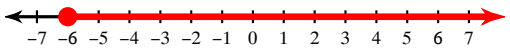
5) $6 > x$



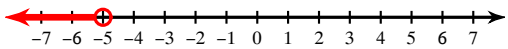
6) $6 < r$



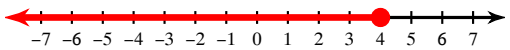
7) $-6 \leq r$



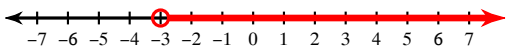
8) $a < -5$



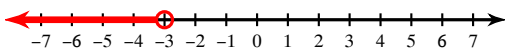
9) $p \leq 4$



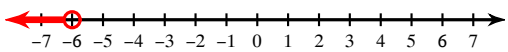
10) $-3 < n$



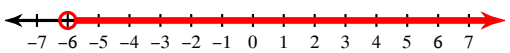
11) $x < -3$



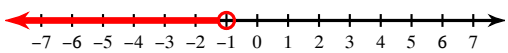
12) $-6 > b$



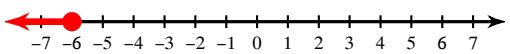
13) $-6 < p$



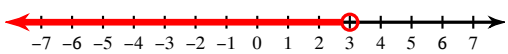
14) $m < -1$



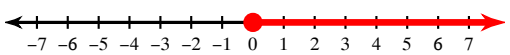
15) $n \leq -6$



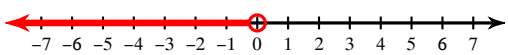
16) $n < 3$



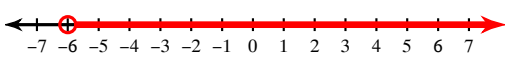
17) $x \geq 0$



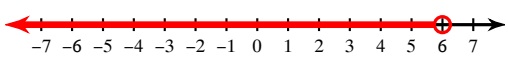
18) $b < 0$



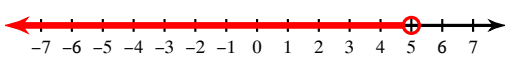
19) $x > -6$



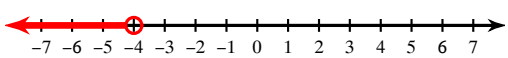
20) $p < 6$



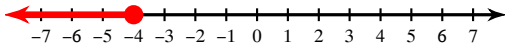
21) $n < 5$



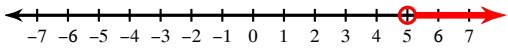
22) $a < -4$



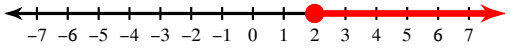
23) $v \leq -4$



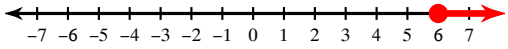
24) $x > 5$



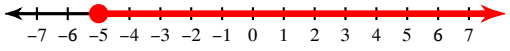
25) $2 \leq p$



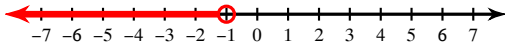
26) $n \geq 6$



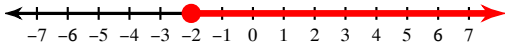
27) $-5 \leq b$



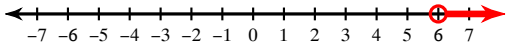
28) $-1 > x$



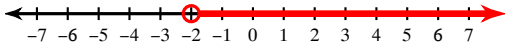
29) $v \geq -2$



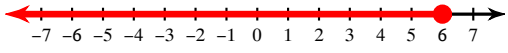
30) $x > 6$



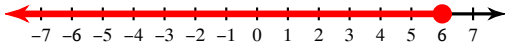
31) $-2 < x$



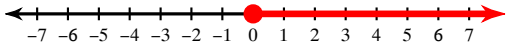
32) $r \leq 6$



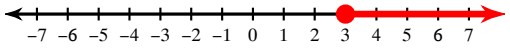
33) $6 \geq x$



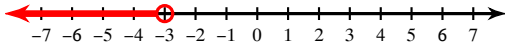
34) $0 \leq n$



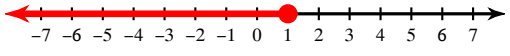
35) $x \geq 3$



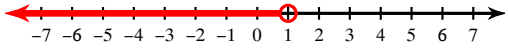
36) $-3 > x$



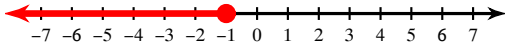
37) $1 \geq k$



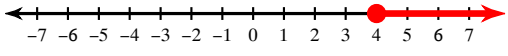
38) $a < 1$



39) $-1 \geq r$

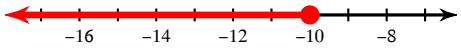


40) $x \geq 4$



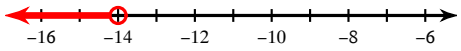
Solve each inequality and graph its solution.

41) $-5 \geq n + 5$



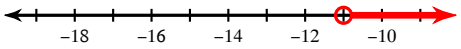
$n \leq -10$

42) $-24 > n - 10$



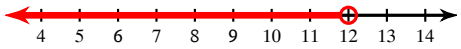
$n < -14$

43) $5 < n + 16$



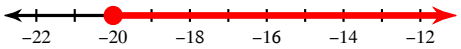
$n > -11$

44) $-6 > -18 + x$



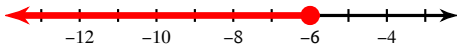
$x < 12$

45) $-29 \leq x - 9$



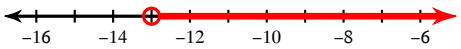
$x \geq -20$

46) $16 + n \leq 10$



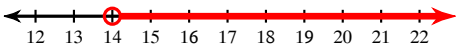
$n \leq -6$

47) $m + 16 > 3$



$m > -13$

48) $6 < x - 8$

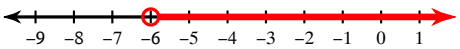


$x > 14$

49) $-33 \leq n - 14$

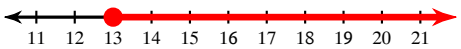
$n \geq -19$

50) $m - 3 > -9$



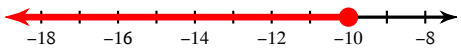
$m > -6$

51) $x - 10 \geq 3$



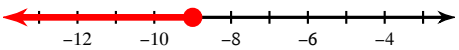
$x \geq 13$

52) $n + 18 \leq 8$



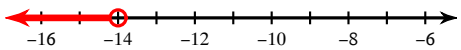
$n \leq -10$

53) $-15 \geq r - 6$



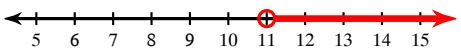
$r \leq -9$

54) $-28 > b - 14$



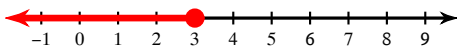
$b < -14$

55) $b - 14 > -3$



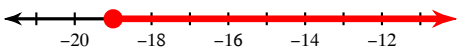
$b > 11$

56) $r + 8 \leq 11$



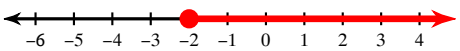
$r \leq 3$

57) $-23 \leq x - 4$



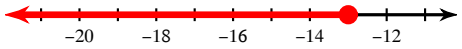
$x \geq -19$

58) $x + 5 \geq 3$



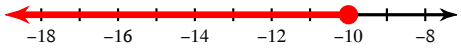
$x \geq -2$

59) $v - 3 \leq -16$



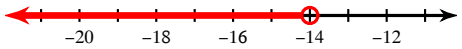
$v \leq -13$

60) $-20 \geq -10 + m$



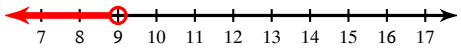
$m \leq -10$

61) $13 + n < -1$



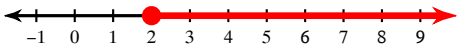
$n < -14$

62) $a - 15 < -6$



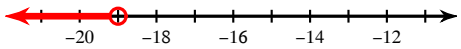
$a < 9$

63) $-13 \leq n - 15$



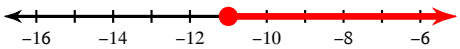
$n \geq 2$

64) $-26 > v - 7$



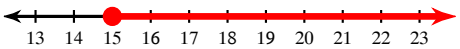
$v < -19$

65) $-3 + p \geq -14$



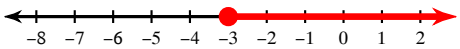
$p \geq -11$

66) $-4 \leq n - 19$



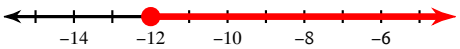
$n \geq 15$

67) $-13 \leq -10 + n$



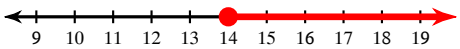
$n \geq -3$

68) $x + 17 \geq 5$



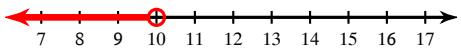
$x \geq -12$

69) $r - 10 \geq 4$



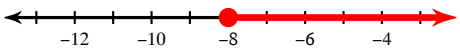
$r \geq 14$

70) $23 > n + 13$



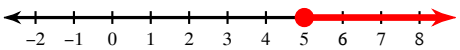
$n < 10$

71) $-28 \leq x - 20$



$x \geq -8$

72) $n - 9 \geq -4$

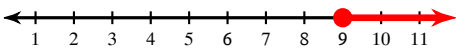


$n \geq 5$

73) $-25 < n - 17$

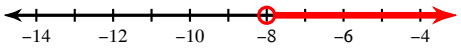
$n > -8$

74) $-17 + p \geq -8$



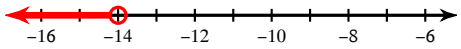
$p \geq 9$

75) $-14 + n > -22$



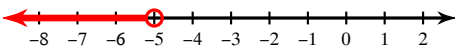
$n > -8$

76) $-27 > v - 13$



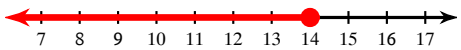
$v < -14$

77) $4 > n + 9$



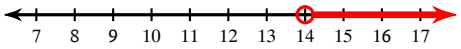
$n < -5$

78) $n + 11 \leq 25$



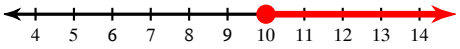
$n \leq 14$

79) $4 < r - 10$



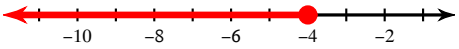
$r > 14$

80) $29 \leq x + 19$



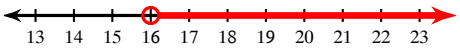
$x \geq 10$

81) $-18n \geq 72$



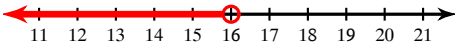
$n \leq -4$

82) $-96 > -6p$



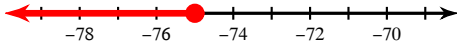
$p > 16$

83) $-96 < -6n$



$n < 16$

84) $\frac{x}{15} \leq -5$

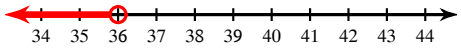


$x \leq -75$

85) $6x > -66$

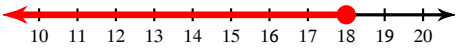
$x > -11$

86) $\frac{b}{3} < 12$



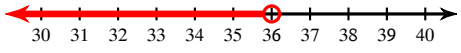
$b < 36$

87) $-15p \geq -270$



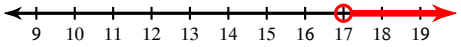
$p \leq 18$

88) $9 > \frac{r}{4}$



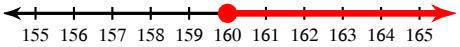
$r < 36$

89) $323 < 19m$



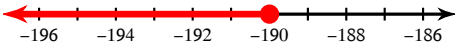
$m > 17$

90) $\frac{n}{16} \geq 10$



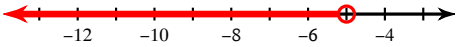
$n \geq 160$

91) $\frac{x}{19} \leq -10$



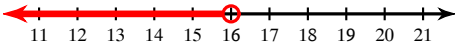
$x \leq -190$

92) $-15k > 75$



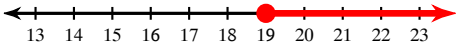
$k < -5$

93) $-256 < -16x$



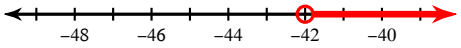
$x < 16$

94) $15x \geq 285$



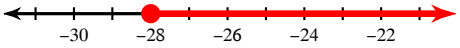
$x \geq 19$

95) $-6 < \frac{n}{7}$



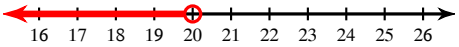
$n > -42$

96) $\frac{x}{2} \geq -14$



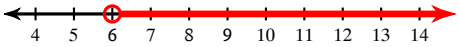
$x \geq -28$

97) $-16a > -320$



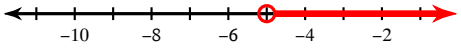
$a < 20$

98) $90 < 15n$



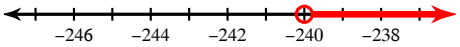
$n > 6$

99) $-8b < 40$



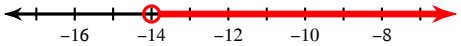
$b > -5$

100) $\frac{n}{15} > -16$



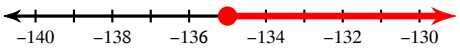
$n > -240$

101) $-42 < 3a$



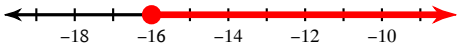
$a > -14$

102) $\frac{n}{15} \geq -9$



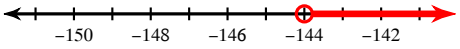
$n \geq -135$

103) $208 \geq -13k$



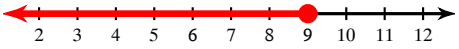
$k \geq -16$

104) $-9 < \frac{x}{16}$



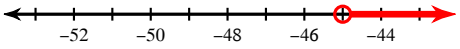
$x > -144$

105) $\frac{9}{5} \geq \frac{v}{5}$



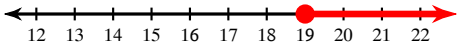
$v \leq 9$

106) $-15 < \frac{x}{3}$



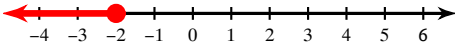
$x > -45$

107) $\frac{n}{11} \geq \frac{19}{11}$



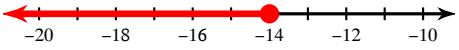
$n \geq 19$

108) $-7x \geq 14$



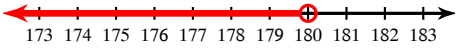
$x \leq -2$

109) $\frac{x}{2} \leq -7$



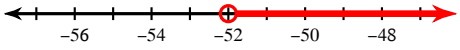
$x \leq -14$

110) $10 > \frac{a}{18}$



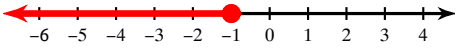
$a < 180$

111) $-13 < \frac{n}{4}$



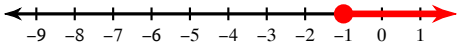
$n > -52$

112) $19n \leq -19$



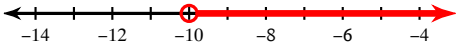
$n \leq -1$

113) $18 \geq -18k$



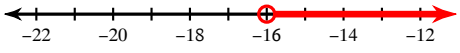
$k \geq -1$

114) $-160 < 16n$



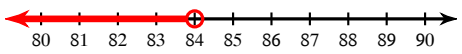
$n > -10$

115) $-304 < 19a$



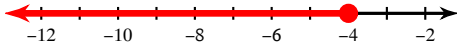
$a > -16$

116) $12 > \frac{k}{7}$



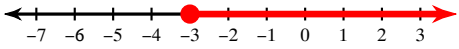
$k < 84$

117) $\frac{n}{2} \leq -2$



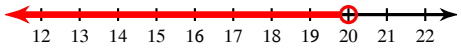
$n \leq -4$

118) $-45 \leq 15n$



$n \geq -3$

119) $-3x > -60$



$x < 20$

120) $18p \geq 54$

$p \geq 3$