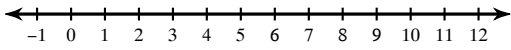


Assignment

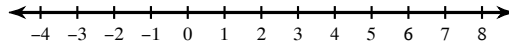
Date _____ Period _____

Solve each compound inequality and graph its solution.

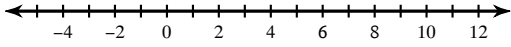
1) $8r > 64$ or $10r < 20$



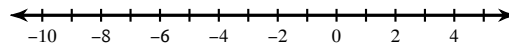
2) $-5 + x \leq -1$ and $x + 2 \geq 4$



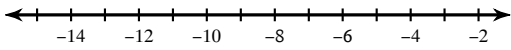
3) $p + 5 \geq 12$ or $-1 + p \leq -1$



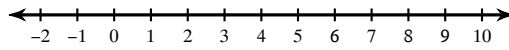
4) $b + 9 < 3$ or $\frac{b}{3} > 0$



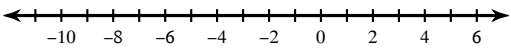
5) $7 + n \geq 0$ or $n - 10 < -20$



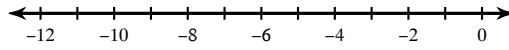
6) $m - 9 \leq -5$ and $\frac{m}{7} \geq 0$



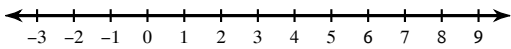
7) $-9x \geq -45$ and $\frac{x}{8} > -1$



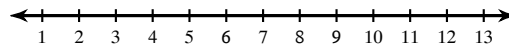
8) $n - 8 \leq -11$ and $10n \geq -70$



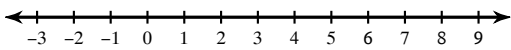
9) $7r \geq 35$ or $5 + r < 8$



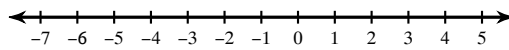
10) $x - 7 > -2$ or $x - 4 \leq 0$



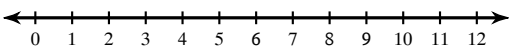
11) $-6r > -24$ or $r - 3 > 3$



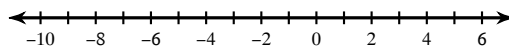
12) $x - 10 < -9$ and $x + 3 > -1$



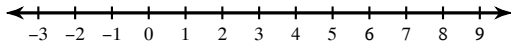
13) $-5b \leq -5$ and $b + 10 < 20$



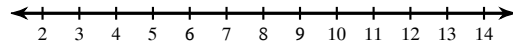
14) $-8 + m \geq -16$ and $m - 2 < 3$



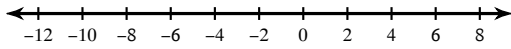
15) $\frac{v}{8} > 0$ and $5 + v < 13$



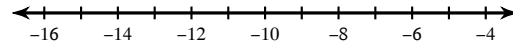
16) $n + 2 \leq 10$ and $n - 9 > -2$



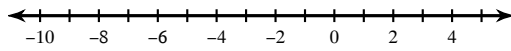
17) $m + 1 \geq -8$ and $\frac{m}{3} < 2$



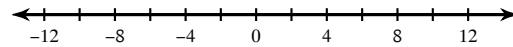
18) $b + 8 < -1$ or $7 + b \geq 0$



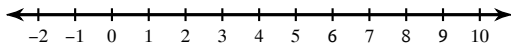
19) $x + 8 \leq 3$ or $\frac{x}{8} \geq 0$



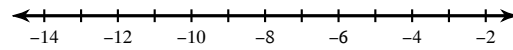
20) $-10 + n < -19$ or $n + 1 > 9$



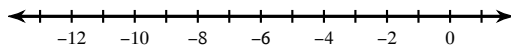
21) $6v - 6 \leq 30$ and $-7 + 8v \geq -15$



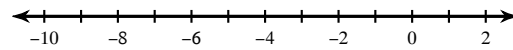
22) $-9x + 5 \leq 77$ or $3x - 7 \leq -34$



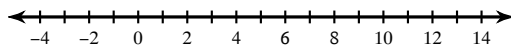
23) $5 + 6n > -13$ or $4n - 4 \leq -40$



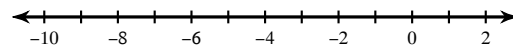
24) $6n - 5 < -41$ or $-n - 4 < -1$



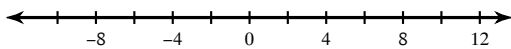
25) $4v + 2 < 2$ or $v - 1 \geq 8$



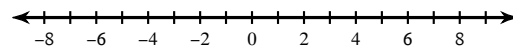
26) $-8 - 10x < 12$ or $4 - 9x > 67$



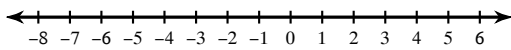
27) $8x + 9 \geq -71$ and $5 + 10x < 95$



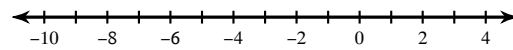
28) $-3 + k < -6$ or $-9 - k < -14$



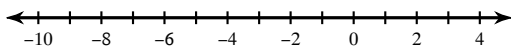
29) $7 - 4x \geq -5$ and $3x + 2 > -13$



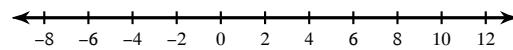
30) $6a - 7 \geq -7$ or $6 + 7a < -29$



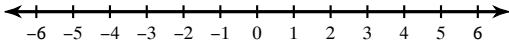
31) $9r - 8 < 10$ and $10 - 9r \leq 82$



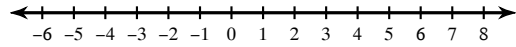
32) $6a + 1 > 43$ or $5a + 8 < -7$



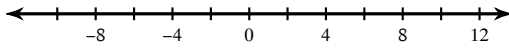
33) $2x - 2 \leq 2$ and $-8 + 8x \geq -24$



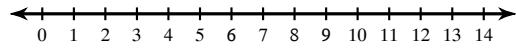
34) $-4k + 6 \leq -10$ or $-10 + 5k \leq -25$



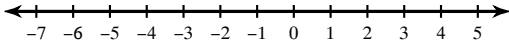
35) $1 + 3n \geq 25$ or $-2n + 8 \geq 22$



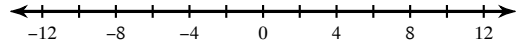
36) $4x - 2 \geq 34$ or $-9x + 7 \geq -38$



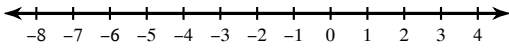
37) $7n + 9 \geq -33$ and $3 + 4n < 15$



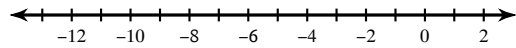
38) $3x + 4 < -23$ or $7 - 4x \leq -25$



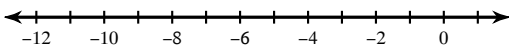
39) $4 - 10x \leq 64$ and $-9 + 9x \leq 0$



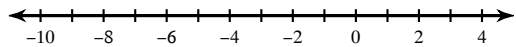
40) $4 + 9n > -5$ or $9 - 3n \geq 36$



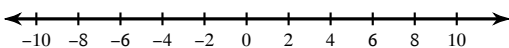
41) $-1 < \frac{a}{10} \leq 0$



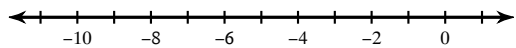
42) $-21 < 3k \leq 3$



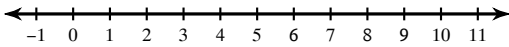
43) $1 > \frac{b}{8} > -1$



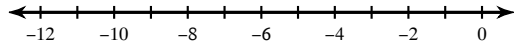
44) $-2 \leq \frac{x}{5} \leq -1$



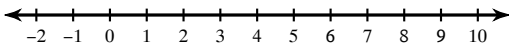
45) $-5 < x - 8 \leq -3$



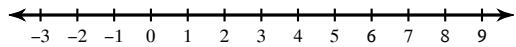
46) $-17 \leq x - 7 \leq -14$



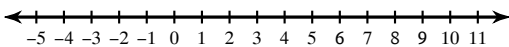
47) $25 < 5a \leq 35$



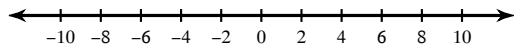
48) $8 < v + 7 < 13$



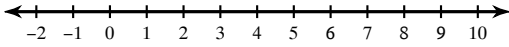
49) $-10 < m - 8 \leq 1$



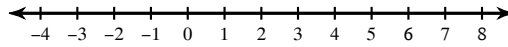
50) $-11 \leq r - 1 \leq 9$



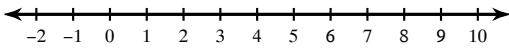
51) $50 \leq 10k \leq 70$



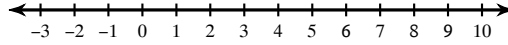
52) $-8 < x - 7 < -7$



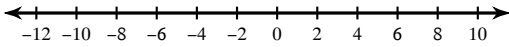
53) $12 \leq a + 6 < 14$



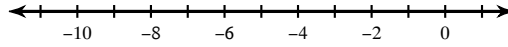
54) $0 < \frac{x}{8} < 1$



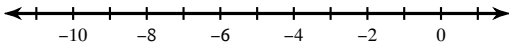
55) $-24 < -3r \leq 30$



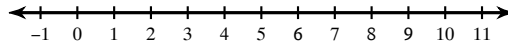
56) $-12 \leq r - 10 \leq -11$



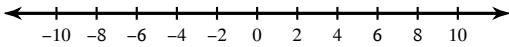
57) $-3 \leq 3 + k \leq 3$



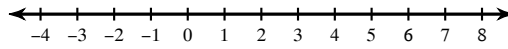
58) $0 < \frac{p}{9} < 1$



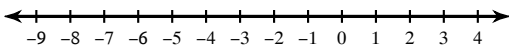
59) $-1 \leq \frac{x}{8} < 1$



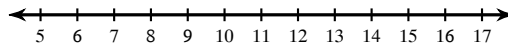
60) $-10 \leq 10v \leq 50$



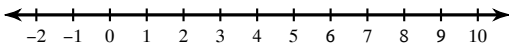
61) $4 < -x + 5 < 13$



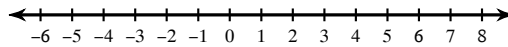
62) $-38 \leq -4m + 2 \leq -26$



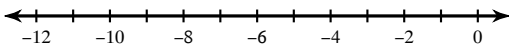
63) $7 \leq 4x + 7 \leq 31$



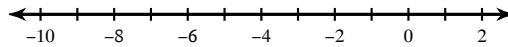
64) $-54 \leq 6 - 10b \leq 36$



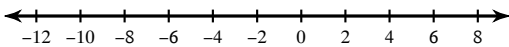
65) $-9 \leq n - 1 < -4$



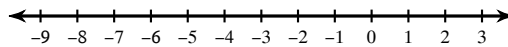
66) $-24 \leq 4p + 4 \leq -4$



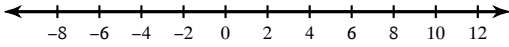
67) $-4 \leq 8 - 2v < 28$



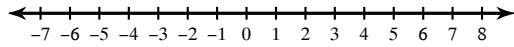
68) $-39 < 5m + 1 \leq 1$



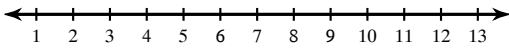
69) $-63 \leq -6x - 3 \leq 45$



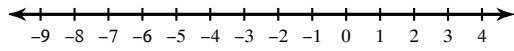
70) $-13 < -8 - n < -4$



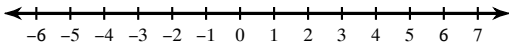
71) $34 < 7m - 1 < 48$



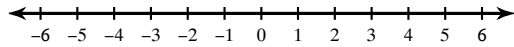
72) $-54 < 7v + 2 \leq 16$



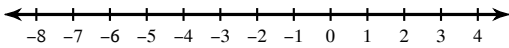
73) $-12 \leq n - 7 < -2$



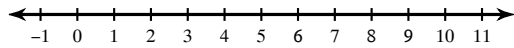
74) $9 > 6m - 3 \geq 3$



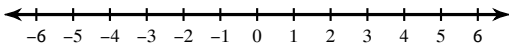
75) $-33 < 2 + 7x \leq -19$



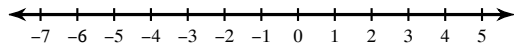
76) $-5 < 10 - 3n < 4$



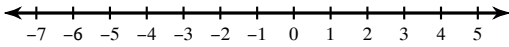
77) $18 > 8x + 2 \geq 10$



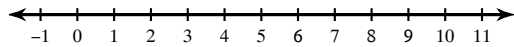
78) $-23 < -8 + 3x < -8$



79) $-49 \leq 10m - 9 \leq 1$



80) $-17 < -10 - x < -16$

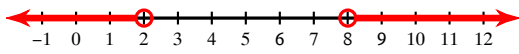


Assignment

Date _____ Period _____

Solve each compound inequality and graph its solution.

1) $8r > 64$ or $10r < 20$



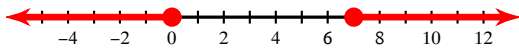
$r > 8$ or $r < 2$

2) $-5 + x \leq -1$ and $x + 2 \geq 4$



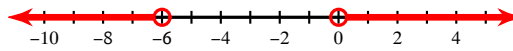
$2 \leq x \leq 4$

3) $p + 5 \geq 12$ or $-1 + p \leq -1$



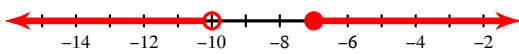
$p \geq 7$ or $p \leq 0$

4) $b + 9 < 3$ or $\frac{b}{3} > 0$



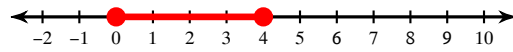
$b < -6$ or $b > 0$

5) $7 + n \geq 0$ or $n - 10 < -20$



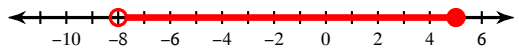
$n \geq -7$ or $n < -10$

6) $m - 9 \leq -5$ and $\frac{m}{7} \geq 0$



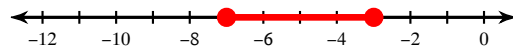
$0 \leq m \leq 4$

7) $-9x \geq -45$ and $\frac{x}{8} > -1$



$-8 < x \leq 5$

8) $n - 8 \leq -11$ and $10n \geq -70$



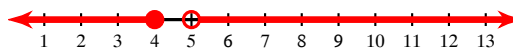
$-7 \leq n \leq -3$

9) $7r \geq 35$ or $5 + r < 8$



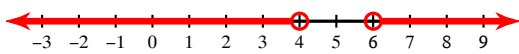
$r \geq 5$ or $r < 3$

10) $x - 7 > -2$ or $x - 4 \leq 0$



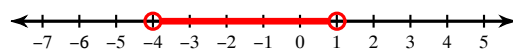
$x > 5$ or $x \leq 4$

11) $-6r > -24$ or $r - 3 > 3$



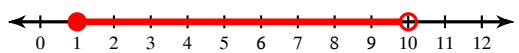
$r < 4$ or $r > 6$

12) $x - 10 < -9$ and $x + 3 > -1$



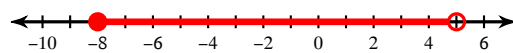
$-4 < x < 1$

13) $-5b \leq -5$ and $b + 10 < 20$



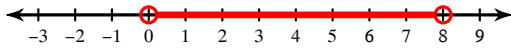
$1 \leq b < 10$

14) $-8 + m \geq -16$ and $m - 2 < 3$



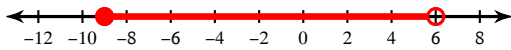
$-8 \leq m < 5$

$$15) \frac{v}{8} > 0 \text{ and } 5 + v < 13$$



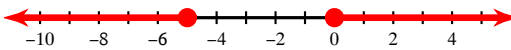
$$0 < v < 8$$

$$17) m + 1 \geq -8 \text{ and } \frac{m}{3} < 2$$



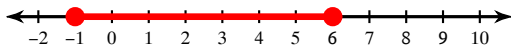
$$-9 \leq m < 6$$

$$19) x + 8 \leq 3 \text{ or } \frac{x}{8} \geq 0$$



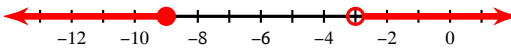
$$x \leq -5 \text{ or } x \geq 0$$

$$21) 6v - 6 \leq 30 \text{ and } -7 + 8v \geq -15$$



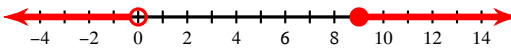
$$-1 \leq v \leq 6$$

$$23) 5 + 6n > -13 \text{ or } 4n - 4 \leq -40$$



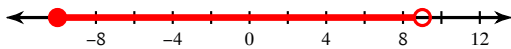
$$n > -3 \text{ or } n \leq -9$$

$$25) 4v + 2 < 2 \text{ or } v - 1 \geq 8$$



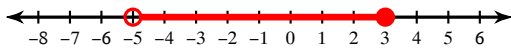
$$v < 0 \text{ or } v \geq 9$$

$$27) 8x + 9 \geq -71 \text{ and } 5 + 10x < 95$$



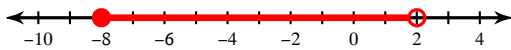
$$-10 \leq x < 9$$

$$29) 7 - 4x \geq -5 \text{ and } 3x + 2 > -13$$



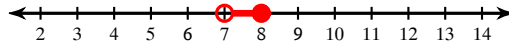
$$-5 \leq x \leq 3$$

$$31) 9r - 8 < 10 \text{ and } 10 - 9r \leq 82$$



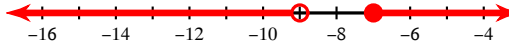
$$-8 \leq r < 2$$

$$16) n + 2 \leq 10 \text{ and } n - 9 > -2$$



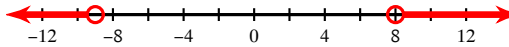
$$7 < n \leq 8$$

$$18) b + 8 < -1 \text{ or } 7 + b \geq 0$$



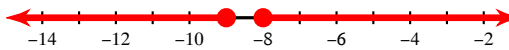
$$b < -9 \text{ or } b \geq -7$$

$$20) -10 + n < -19 \text{ or } n + 1 > 9$$



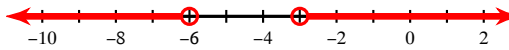
$$n < -9 \text{ or } n > 8$$

$$22) -9x + 5 \leq 77 \text{ or } 3x - 7 \leq -34$$



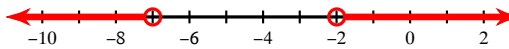
$$x \geq -8 \text{ or } x \leq -9$$

$$24) 6n - 5 < -41 \text{ or } -n - 4 < -1$$



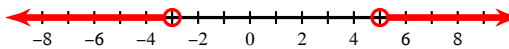
$$n < -6 \text{ or } n > -3$$

$$26) -8 - 10x < 12 \text{ or } 4 - 9x > 67$$



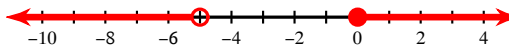
$$x > -2 \text{ or } x < -7$$

$$28) -3 + k < -6 \text{ or } -9 - k < -14$$



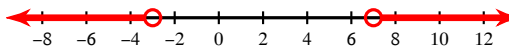
$$k < -3 \text{ or } k > 5$$

$$30) 6a - 7 \geq -7 \text{ or } 6 + 7a < -29$$



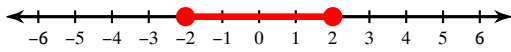
$$a \geq 0 \text{ or } a < -5$$

$$32) 6a + 1 > 43 \text{ or } 5a + 8 < -7$$



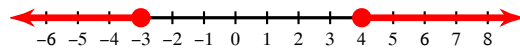
$$a > 7 \text{ or } a < -3$$

33) $2x - 2 \leq 2$ and $-8 + 8x \geq -24$



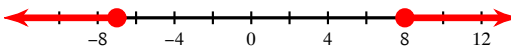
$-2 \leq x \leq 2$

34) $-4k + 6 \leq -10$ or $-10 + 5k \leq -25$



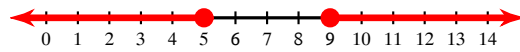
$k \geq 4$ or $k \leq -3$

35) $1 + 3n \geq 25$ or $-2n + 8 \geq 22$



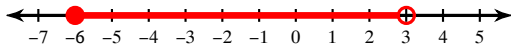
$n \geq 8$ or $n \leq -7$

36) $4x - 2 \geq 34$ or $-9x + 7 \geq -38$



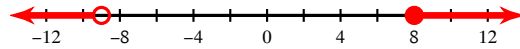
$x \geq 9$ or $x \leq 5$

37) $7n + 9 \geq -33$ and $3 + 4n < 15$



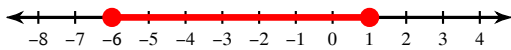
$-6 \leq n < 3$

38) $3x + 4 < -23$ or $7 - 4x \leq -25$



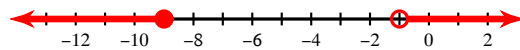
$x < -9$ or $x \geq 8$

39) $4 - 10x \leq 64$ and $-9 + 9x \leq 0$



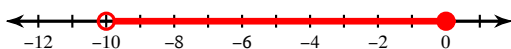
$-6 \leq x \leq 1$

40) $4 + 9n > -5$ or $9 - 3n \geq 36$



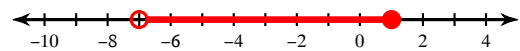
$n > -1$ or $n \leq -9$

41) $-1 < \frac{a}{10} \leq 0$



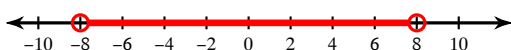
$-10 < a \leq 0$

42) $-21 < 3k \leq 3$



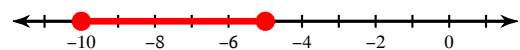
$-7 < k \leq 1$

43) $1 > \frac{b}{8} > -1$



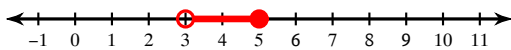
$-8 < b < 8$

44) $-2 \leq \frac{x}{5} \leq -1$



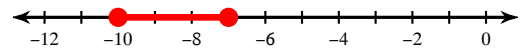
$-10 \leq x \leq -5$

45) $-5 < x - 8 \leq -3$



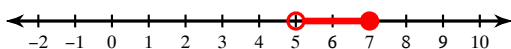
$3 < x \leq 5$

46) $-17 \leq x - 7 \leq -14$



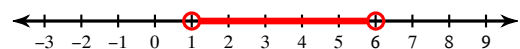
$-10 \leq x \leq -7$

47) $25 < 5a \leq 35$



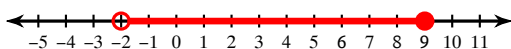
$5 < a \leq 7$

48) $8 < v + 7 < 13$



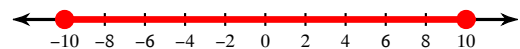
$1 < v < 6$

49) $-10 < m - 8 \leq 1$



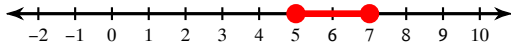
$-2 < m \leq 9$

50) $-11 \leq r - 1 \leq 9$



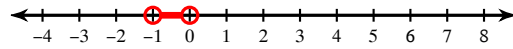
$-10 \leq r \leq 10$

51) $50 \leq 10k \leq 70$



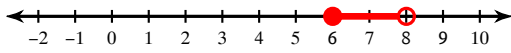
$5 \leq k \leq 7$

52) $-8 < x - 7 < -7$



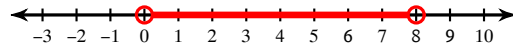
$-1 < x < 0$

53) $12 \leq a + 6 < 14$



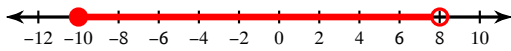
$6 \leq a < 8$

54) $0 < \frac{x}{8} < 1$



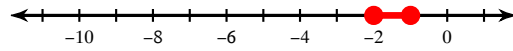
$0 < x < 8$

55) $-24 < -3r \leq 30$



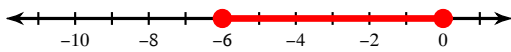
$-10 \leq r < 8$

56) $-12 \leq r - 10 \leq -11$



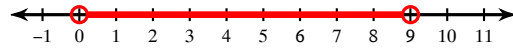
$-2 \leq r \leq -1$

57) $-3 \leq 3 + k \leq 3$



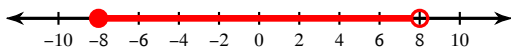
$-6 \leq k \leq 0$

58) $0 < \frac{p}{9} < 1$



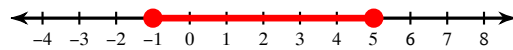
$0 < p < 9$

59) $-1 \leq \frac{x}{8} < 1$



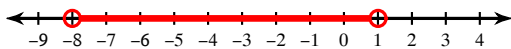
$-8 \leq x < 8$

60) $-10 \leq 10v \leq 50$



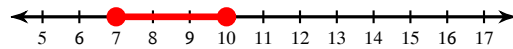
$-1 \leq v \leq 5$

61) $4 < -x + 5 < 13$



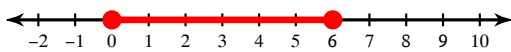
$-8 < x < 1$

62) $-38 \leq -4m + 2 \leq -26$



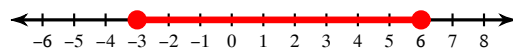
$7 \leq m \leq 10$

63) $7 \leq 4x + 7 \leq 31$



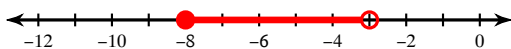
$0 \leq x \leq 6$

64) $-54 \leq 6 - 10b \leq 36$



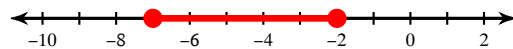
$-3 \leq b \leq 6$

65) $-9 \leq n - 1 < -4$



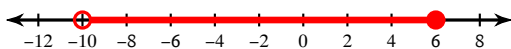
$-8 \leq n < -3$

66) $-24 \leq 4p + 4 \leq -4$



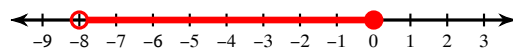
$-7 \leq p \leq -2$

67) $-4 \leq 8 - 2v < 28$



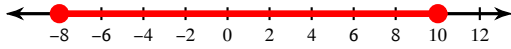
$-10 < v \leq 6$

68) $-39 < 5m + 1 \leq 1$



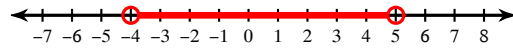
$-8 < m \leq 0$

69) $-63 \leq -6x - 3 \leq 45$



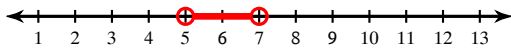
$-8 \leq x \leq 10$

70) $-13 < -8 - n < -4$



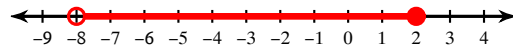
$-4 < n < 5$

71) $34 < 7m - 1 < 48$



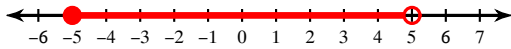
$5 < m < 7$

72) $-54 < 7v + 2 \leq 16$



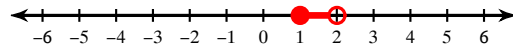
$-8 < v \leq 2$

73) $-12 \leq n - 7 < -2$



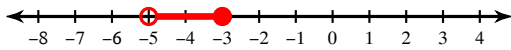
$-5 \leq n < 5$

74) $9 > 6m - 3 \geq 3$



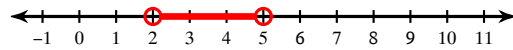
$1 \leq m < 2$

75) $-33 < 2 + 7x \leq -19$



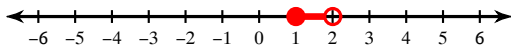
$-5 < x \leq -3$

76) $-5 < 10 - 3n < 4$



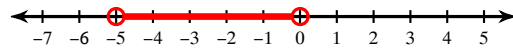
$2 < n < 5$

77) $18 > 8x + 2 \geq 10$



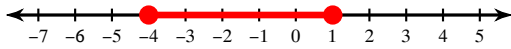
$1 \leq x < 2$

78) $-23 < -8 + 3x < -8$



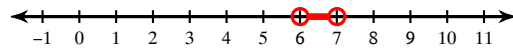
$-5 < x < 0$

79) $-49 \leq 10m - 9 \leq 1$



$-4 \leq m \leq 1$

80) $-17 < -10 - x < -16$



$6 < x < 7$