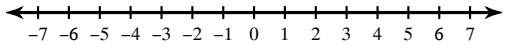
Algebra 1 Name_____ ID: 1

Assignment

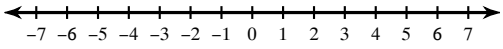
Date_____ Period____

Draw a graph for each inequality.

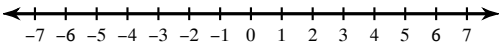
1) $5 \geq n$



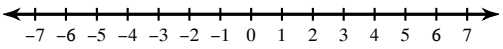
2) $3 \geq x$



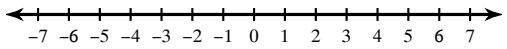
3) $4 \leq m$



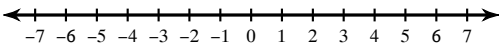
4) $-6 < n$



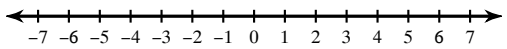
5) $m \leq -4$



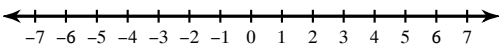
6) $x > 4$



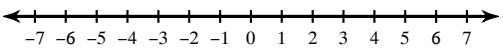
7) $0 \geq a$



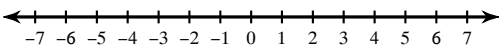
8) $a \geq 4$



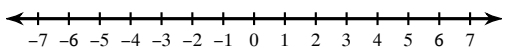
9) $x \geq 6$



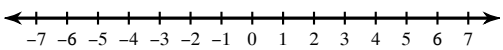
10) $-1 < n$



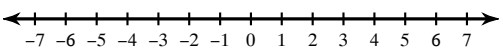
11) $r < -5$



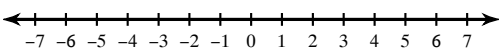
12) $-1 \geq v$



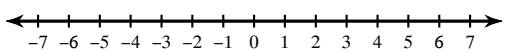
13) $b \geq 1$



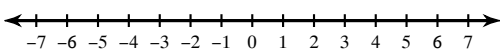
14) $b > 6$



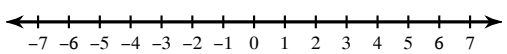
15) $0 > n$



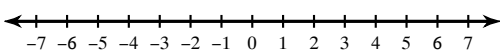
16) $x \leq 2$



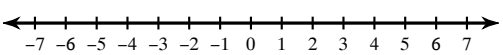
17) $x < 5$



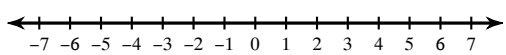
18) $-5 \geq r$



19) $-2 \leq m$

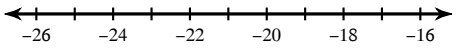


20) $-6 \geq p$

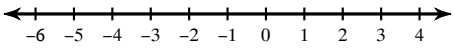


Solve each inequality and graph its solution.

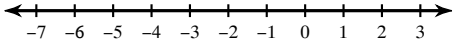
21) $x - 19 \geq -38$



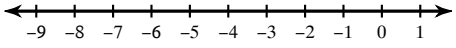
22) $-6 + n \geq -6$



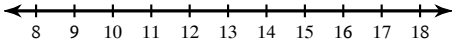
23) $v - 19 > -22$



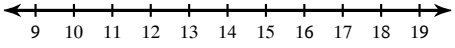
24) $4 + b \leq 1$



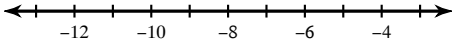
25) $r - 4 \leq 11$



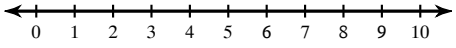
26) $16 + a > 28$



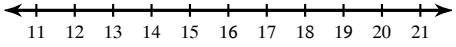
27) $m - 1 < -10$



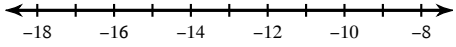
28) $r - 15 < -9$



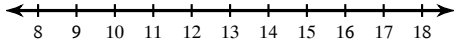
29) $-19 + n \geq -3$



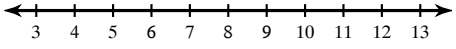
30) $x + 19 \leq 4$



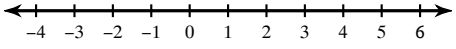
31) $6 \geq -9 + b$



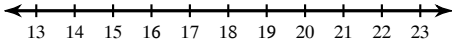
32) $6 \geq -3 + n$



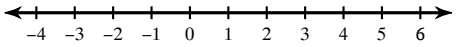
33) $-7 \geq n - 5$



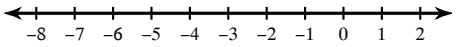
34) $14 + k \leq 29$



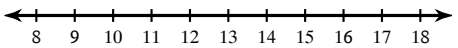
35) $15 \leq p + 11$



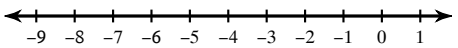
36) $-9 > n - 7$



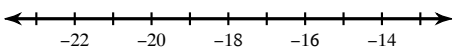
37) $n - 1 \geq 14$



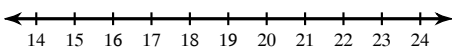
38) $12 + n < 7$



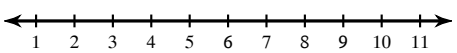
39) $x - 6 > -26$



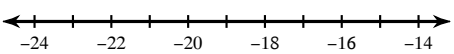
40) $b - 15 < 5$



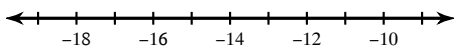
41) $21 \geq 7x$



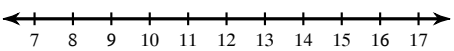
42) $-342 < 18x$



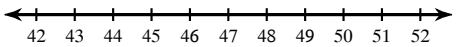
43) $-\frac{11}{17} \geq \frac{r}{17}$



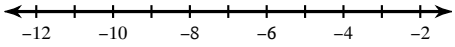
44) $\frac{13}{16} < \frac{x}{16}$



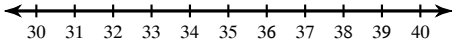
45) $\frac{v}{5} \geq 10$



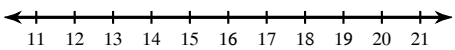
46) $150 < -15n$



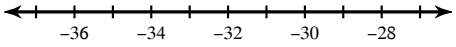
47) $7 < \frac{n}{5}$



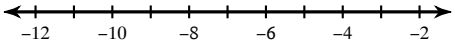
48) $17m < 323$



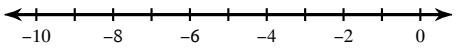
49) $\frac{b}{3} < -10$



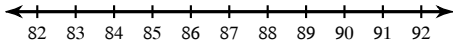
50) $-\frac{6}{5} < \frac{r}{5}$



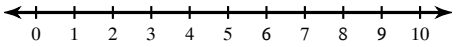
51) $-15 < 3n$



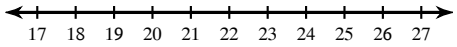
52) $\frac{a}{9} \leq 10$



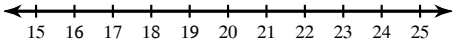
53) $4 \geq \frac{n}{2}$



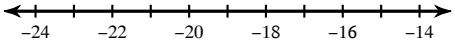
54) $-228 < -12x$



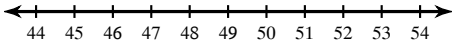
55) $36 > 2x$



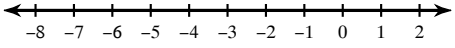
56) $252 > -14b$



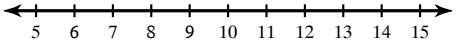
57) $3 > \frac{r}{16}$



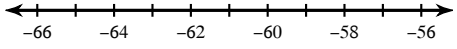
58) $-6x \leq 12$



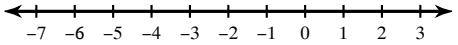
59) $11x \leq 99$



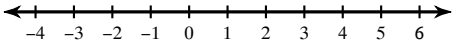
60) $\frac{b}{20} \leq -3$



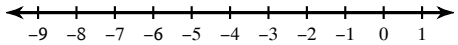
61) $\frac{x}{2} \geq \frac{1}{4}$



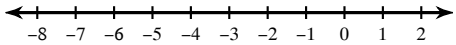
62) $-\frac{24}{35} > -\frac{4}{5}a$



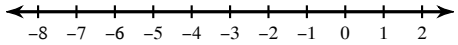
63) $-\frac{1}{5}m > \frac{1}{5}$



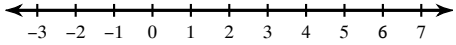
64) $-\frac{3}{2}m > \frac{12}{5}$



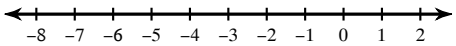
65) $-1 < -3x$



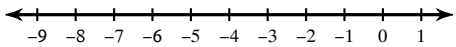
66) $\frac{37}{5} > \frac{37}{10}a$



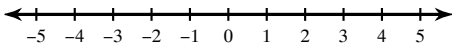
67) $\frac{3}{26} \leq \frac{4p}{13}$



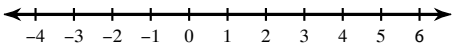
68) $\frac{27}{5}x < -\frac{459}{50}$



69) $\frac{7}{72}r > \frac{7}{288}$



70) $\frac{a}{2} > \frac{13}{8}$



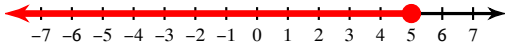
Algebra 1 Name_____ ID: 1

Assignment

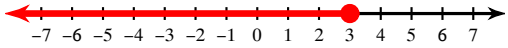
Date_____ Period____

Draw a graph for each inequality.

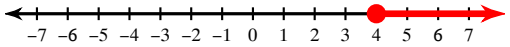
1) $5 \geq n$



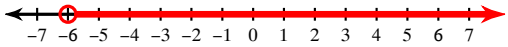
2) $3 \geq x$



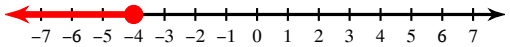
3) $4 \leq m$



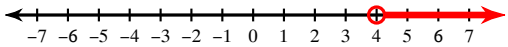
4) $-6 < n$



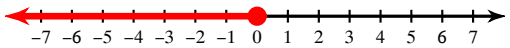
5) $m \leq -4$



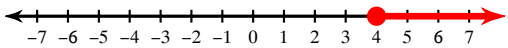
6) $x > 4$



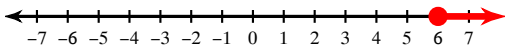
7) $0 \geq a$



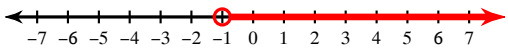
8) $a \geq 4$



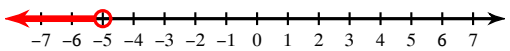
9) $x \geq 6$



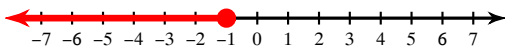
10) $-1 < n$



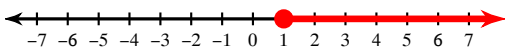
11) $r < -5$



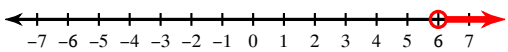
12) $-1 \geq v$



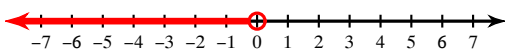
13) $b \geq 1$



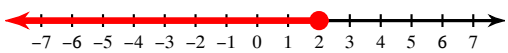
14) $b > 6$



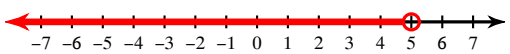
15) $0 > n$



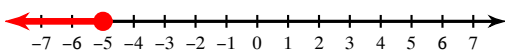
16) $x \leq 2$



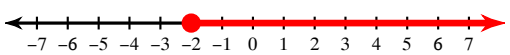
17) $x < 5$



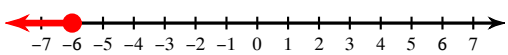
18) $-5 \geq r$



19) $-2 \leq m$

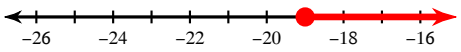


20) $-6 \geq p$



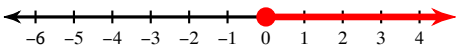
Solve each inequality and graph its solution.

21) $x - 19 \geq -38$



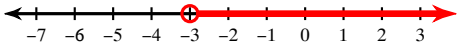
$x \geq -19$

22) $-6 + n \geq -6$



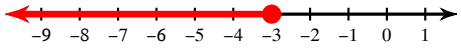
$n \geq 0$

23) $v - 19 > -22$



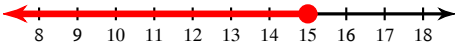
$v > -3$

24) $4 + b \leq 1$



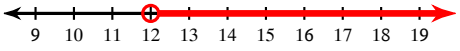
$b \leq -3$

25) $r - 4 \leq 11$



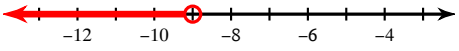
$r \leq 15$

26) $16 + a > 28$



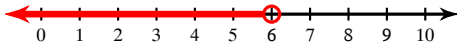
$a > 12$

27) $m - 1 < -10$



$m < -9$

28) $r - 15 < -9$

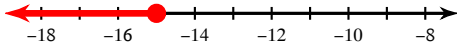


$r < 6$

29) $-19 + n \geq -3$

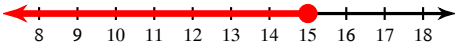
$n \geq 16$

30) $x + 19 \leq 4$



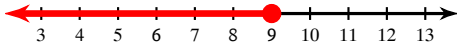
$x \leq -15$

31) $6 \geq -9 + b$



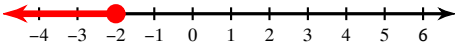
$b \leq 15$

32) $6 \geq -3 + n$



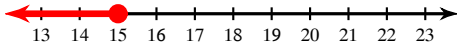
$n \leq 9$

33) $-7 \geq n - 5$



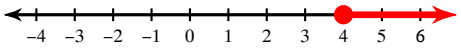
$n \leq -2$

34) $14 + k \leq 29$



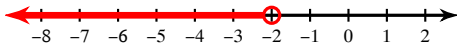
$k \leq 15$

35) $15 \le p + 11$



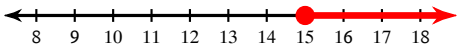
$p \ge 4$

36) $-9 > n - 7$



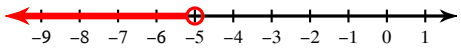
$n < -2$

37) $n - 1 \ge 14$



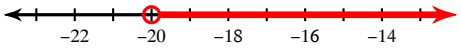
$n \ge 15$

38) $12 + n < 7$



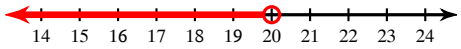
$n < -5$

39) $x - 6 > -26$



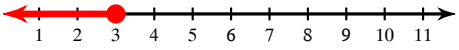
$x > -20$

40) $b - 15 < 5$



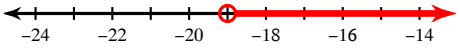
$b < 20$

41) $21 \ge 7x$



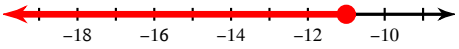
$x \le 3$

42) $-342 < 18x$



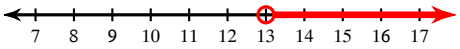
$x > -19$

43) $-\frac{11}{17} \ge \frac{r}{17}$



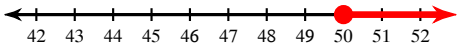
$r \le -11$

44) $\frac{13}{16} < \frac{x}{16}$



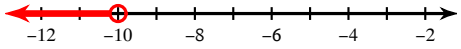
$x > 13$

45) $\frac{v}{5} \ge 10$



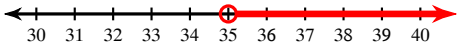
$v \ge 50$

46) $150 < -15n$



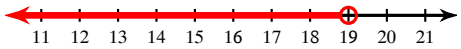
$n < -10$

47) $7 < \frac{n}{5}$



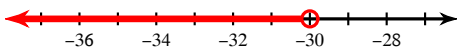
$n > 35$

48) $17m < 323$



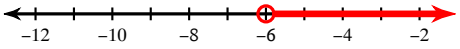
$m < 19$

49) $\frac{b}{3} < -10$



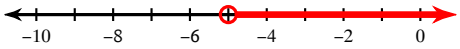
$b < -30$

50) $-\frac{6}{5} < \frac{r}{5}$



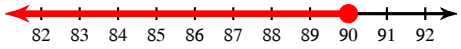
$r > -6$

51) $-15 < 3n$



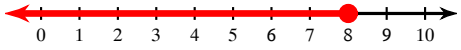
$n > -5$

52) $\frac{a}{9} \leq 10$



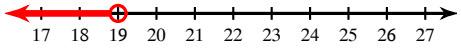
$a \leq 90$

53) $4 \geq \frac{n}{2}$



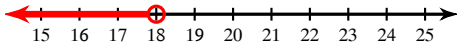
$n \leq 8$

54) $-228 < -12x$



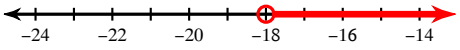
$x < 19$

55) $36 > 2x$



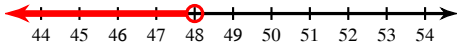
$x < 18$

56) $252 > -14b$



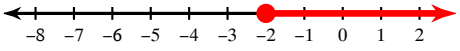
$b > -18$

57) $3 > \frac{r}{16}$



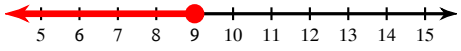
$r < 48$

58) $-6x \leq 12$



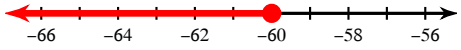
$x \geq -2$

59) $11x \leq 99$



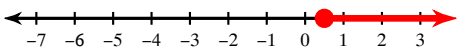
$x \leq 9$

60) $\frac{b}{20} \leq -3$



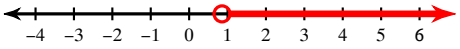
$b \leq -60$

61) $\frac{x}{2} \geq \frac{1}{4}$



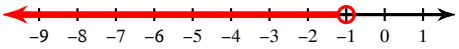
$x \geq \frac{1}{2}$

62) $-\frac{24}{35} > -\frac{4}{5}a$



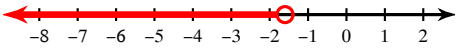
$a > \frac{6}{7}$

63) $-\frac{1}{5}m > \frac{1}{5}$



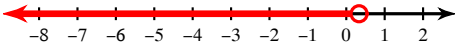
$m < -1$

64) $-\frac{3}{2}m > \frac{12}{5}$



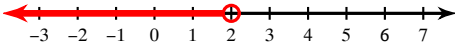
$m < -\frac{8}{5}$

65) $-1 < -3x$



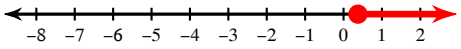
$x < \frac{1}{3}$

66) $\frac{37}{5} > \frac{37}{10}a$



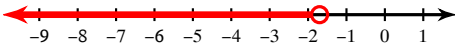
$a < 2$

67) $\frac{3}{26} \leq \frac{4p}{13}$



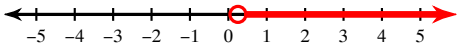
$p \geq \frac{3}{8}$

68) $\frac{27}{5}x < -\frac{459}{50}$



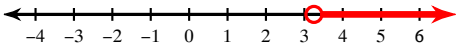
$x < -\frac{17}{10}$

69) $\frac{7}{72}r > \frac{7}{288}$



$r > \frac{1}{4}$

70) $\frac{a}{2} > \frac{13}{8}$



$a > \frac{13}{4}$