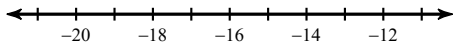


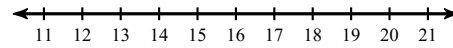
Module 5 Review

Solve each inequality and graph its solution.

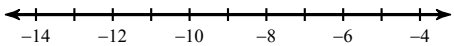
1) $196 \leq -7(r - 9)$



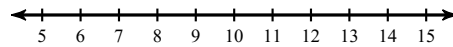
2) $-5 \geq -10 + \frac{n}{3}$



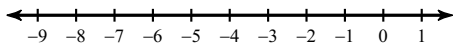
3) $-8 + \frac{r}{2} > -11$



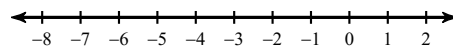
4) $-82 > -7p + 9$



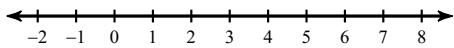
5) $130 \leq -10(b - 10)$



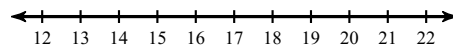
6) $-5 < \frac{n}{2} - 3$



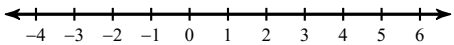
7) $14 \geq 6b + 2$



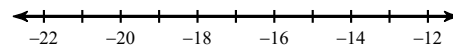
8) $9(2 + v) > 171$



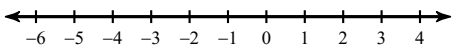
9) $2(b - 9) \geq -10$



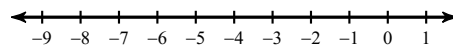
10) $\frac{-2 + p}{18} < -1$



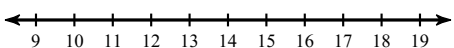
11) $-6 + \frac{k}{9} \geq -6$



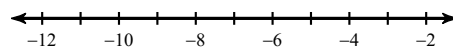
12) $7 < 10 + \frac{m}{2}$



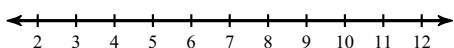
13) $\frac{a - 2}{5} > 2$



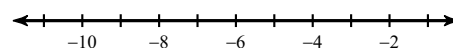
14) $2(7 + x) > -4$



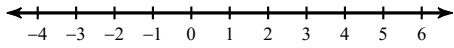
15) $-10 + 7a \leq 25$



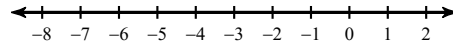
16) $333 \leq -7(7n - 3) - 3n$



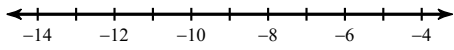
$$17) -6(6r + 7) > -186$$



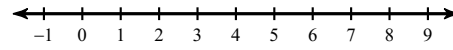
$$18) 7(5p - 6) \geq -112$$



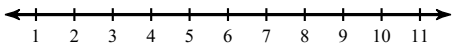
$$19) 8(v - 5) < -88$$



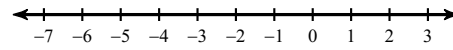
$$20) 184 \geq 8(3 + 5n)$$



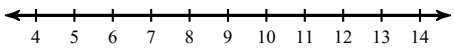
$$21) -6(3 + 8a) + 8 < -346$$



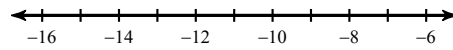
$$22) -8(-6r - 3) + 3r < -180$$



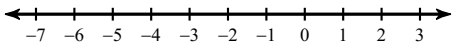
$$23) 101 \leq -4(1 - 3b) + 3b$$



$$24) -2(7n - 5) \leq 122$$

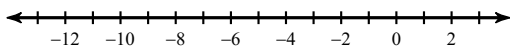


$$25) 8(3a - 8) + 2a \geq -90$$

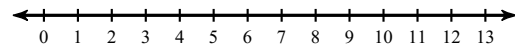


Solve each compound inequality and graph its solution.

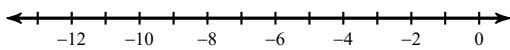
$$26) x + 9 > 8 \text{ or } x + 4 < -5$$



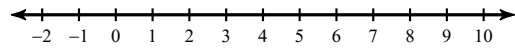
$$27) \frac{p}{4} > 2 \text{ or } -6 + p < -2$$



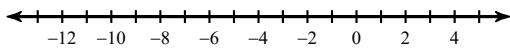
$$28) -9 + x < -19 \text{ or } 2 + x > -3$$



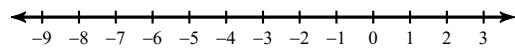
$$29) \frac{n}{8} < 0 \text{ and } n + 4 \geq 3$$



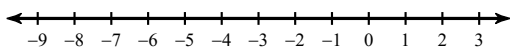
$$30) b + 10 \geq 11 \text{ or } -5 + b \leq -15$$



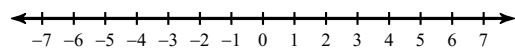
$$31) r + 4 < 3 \text{ and } -9r \leq 45$$



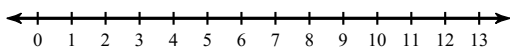
$$32) k + 6 < 2 \text{ or } -3k < 6$$



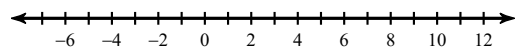
$$33) m + 10 < 15 \text{ and } 3m \geq -15$$



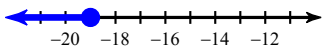
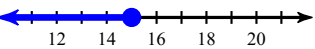
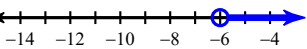
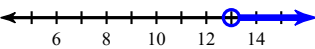
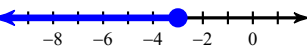
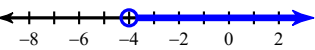
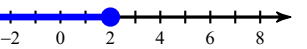
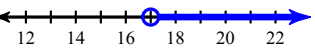
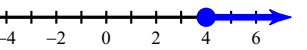
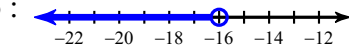
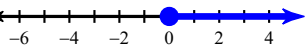
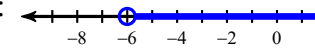
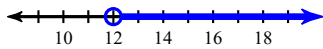
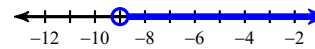
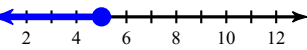
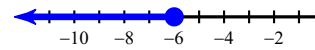
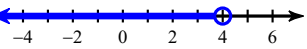
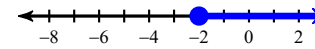
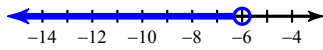
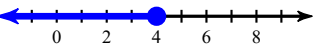
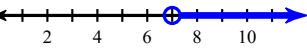
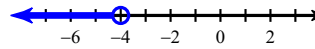
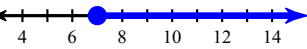
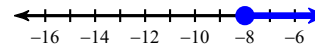
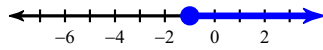
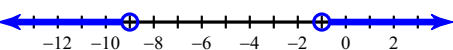
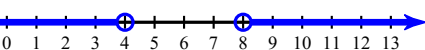
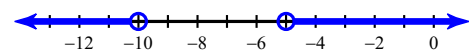
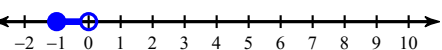
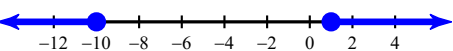
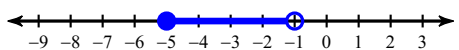
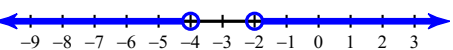
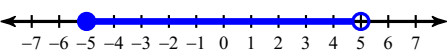
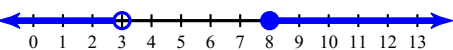
$$34) v - 1 \geq 7 \text{ or } v - 9 < -6$$



$$35) -5 < n - 1 \leq 9$$



Answers to Module 5 Review

- 1) $r \leq -19$: 
- 2) $n \leq 15$: 
- 3) $r > -6$: 
- 4) $p > 13$: 
- 5) $b \leq -3$: 
- 6) $n > -4$: 
- 7) $b \leq 2$: 
- 8) $v > 17$: 
- 9) $b \geq 4$: 
- 10) $p < -16$: 
- 11) $k \geq 0$: 
- 12) $m > -6$: 
- 13) $a > 12$: 
- 14) $x > -9$: 
- 15) $a \leq 5$: 
- 16) $n \leq -6$: 
- 17) $r < 4$: 
- 18) $p \geq -2$: 
- 19) $v < -6$: 
- 20) $n \leq 4$: 
- 21) $a > 7$: 
- 22) $r < -4$: 
- 23) $b \geq 7$: 
- 24) $n \geq -8$: 
- 25) $a \geq -1$: 
- 26) $x > -1$ or $x < -9$: 
- 27) $p > 8$ or $p < 4$: 
- 28) $x < -10$ or $x > -5$: 
- 29) $-1 \leq n < 0$: 
- 30) $b \geq 1$ or $b \leq -10$: 
- 31) $-5 \leq r < -1$: 
- 32) $k < -4$ or $k > -2$: 
- 33) $-5 \leq m < 5$: 
- 34) $v \geq 8$ or $v < 3$: 
- 35) $-4 < n \leq 10$: 