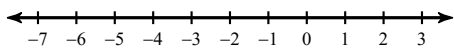


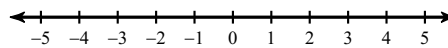
Unit 1.7 Solving Multi-Step Inequalities

Solve each inequality. Graph its solution. Write the interval notation.

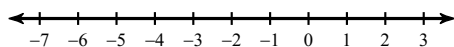
1) $0 < -n + 4n$



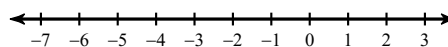
2) $3 \leq -2n - n$



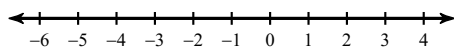
3) $7 \leq -4r - 3r$



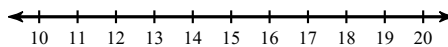
4) $0 < -n - 3n$



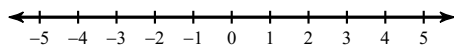
5) $1 > 1 + 2n + n$



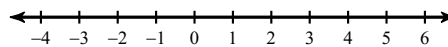
6) $4 \leq -2b + 2b$



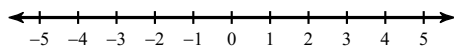
7) $-8 \geq n + 3n$



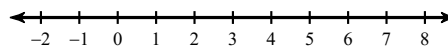
8) $-7 \geq -r - 4 + 4r$



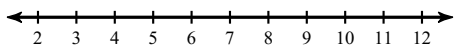
9) $2 > 2 + 2a + 4a$



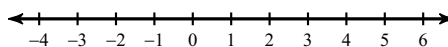
10) $-5 < -2b - 3b$



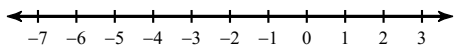
11) $4 \leq x + 2 - x$



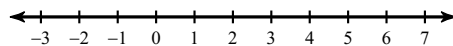
12) $1 < 3n - 3 + n$



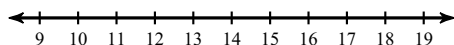
$$13) -4x - 2(-2x - 1) \geq 2(1 - 3x)$$



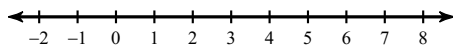
$$14) -4(2 - n) < -3(2n - 3) + 3$$



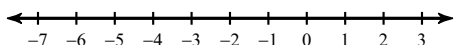
$$15) -2a - 3a < 2(4 - a) - 3(a - 3)$$



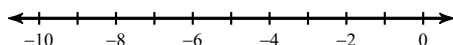
$$16) 2(1 + r) < 2(r + 3) - 4$$



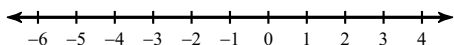
$$17) 2(1 + x) < -2 + 4(1 + 2x)$$



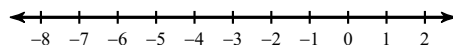
$$18) 4(b + 1) > -2(b + 4)$$



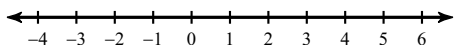
$$19) -2(x - 1) \leq -3x + 2(x + 1)$$



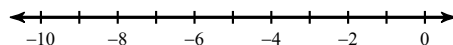
$$20) -2(1 + 3x) + 4 \leq 2(1 - 3x)$$



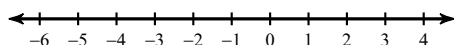
$$21) -3 - 3(1 + 3b) \geq 2 - 4(2 + 3b)$$



$$22) -3(m + 1) \geq m - (3 + 4m)$$



$$23) -2(p - 2) - 4 > -p + 3(p + 4)$$



$$24) -2(3 - v) < 2 + 2(2v + 4)$$

