

Solve each inequality, graph the solution on a number line, and write it in sentence form.

1) $54 \geq -6x$

2) $-4 < 2b$

3) $-5 \leq \frac{m}{6}$

4) $-3 \leq k + 6$

5) $\frac{n}{5} > -\frac{8}{5}$

6) $5 - r \leq -5$

7) $3 > \frac{x}{7}$

8) $-7 \leq -8 + k$

9) $-10 + x > -9$

10) $90 > 9n$

11) $-1 < \frac{a}{4} \leq 1$

12) $3 \leq b + 6 < 11$

$$13) -1 < x + 4 \leq 7$$

$$14) 2 < 5 + n \leq 5$$

$$15) 6 < 3 + r \leq 7$$

$$16) -5 \leq x - 3 \leq -2$$

$$17) -1 < \frac{m}{3} \leq 0$$

$$18) -1 \leq \frac{p}{5} < 1$$

$$19) -7 < b - 3 < 2$$

$$20) -5 < m - 1 \leq 4$$

Solve each compound inequality and graph its solution.

$$21) -7 < 4b - 3 < 13$$

$$22) -8 < 3n - 2 \leq 7$$

$$23) -10 < 2v - 2 < 6$$

$$24) 2 \leq n + 3 \leq 4$$