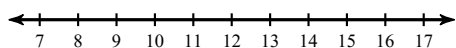


Solving Inequalities

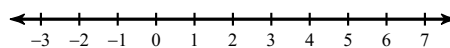
Date _____ Period _____

Solve each inequality by performing only one-step and graph its solution.

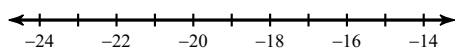
1) $14 + x < 24$



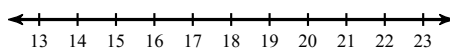
2) $18 \geq m - (-17)$



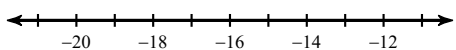
3) $n - 13 < -30$



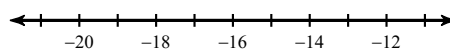
4) $-1 \leq a - 16$



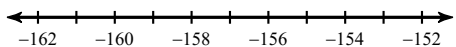
5) $-15 - n < 1$



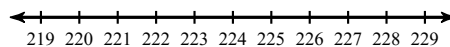
6) $128 < -8a$



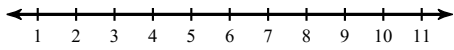
7) $-8 < \frac{k}{20}$



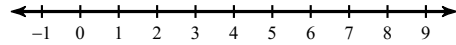
8) $14 > \frac{x}{16}$



9) $-8x \geq -48$



10) $\frac{x}{17} < \frac{7}{17}$



Solve each inequality using only two steps.

11) $5(n + 9) \geq -15$

12) $\frac{2 + m}{4} > -2$

Solve each inequality using two or more steps. (Variable(s) on one side of equation.)

13) $-24 < -x - 7x$

14) $111 \leq -3(8n + 3)$

Solve each inequality using two or more steps. (Variable(s) on both sides of equation.)

15) $5 + 5r < r - 7$

16) $2k + 12 \geq 6k - k$

17) $7 + v \leq 4 - 2v$

18) $n - 8 > -4 + n$

Solve each inequality.

19) $8(3n + 2) > -34 - n$

20) $-7(7 - 2n) - 2(4n + 4) < 3n + 3n$