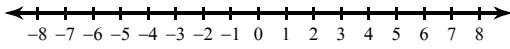
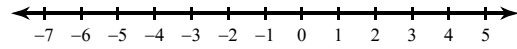


Solve each inequality and graph its solution.

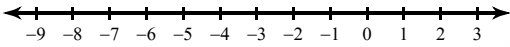
1) $|x + 1| > 4$



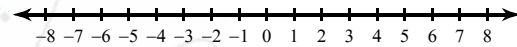
2) $\left|\frac{x}{2}\right| < 2$



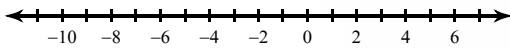
3) $|5 + v| \leq 3$



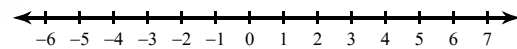
4) $|5a| > 20$



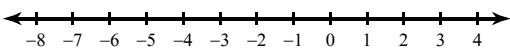
5) $|k + 1| \geq 5$



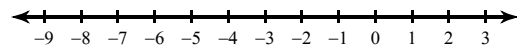
6) $\left|\frac{n}{2}\right| > 1$

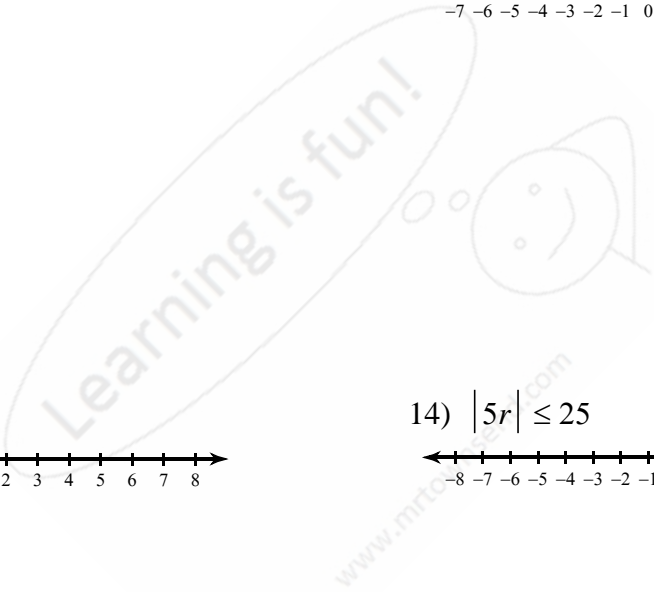
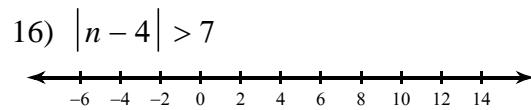
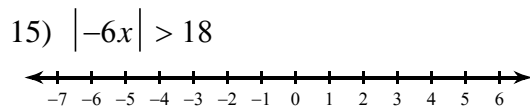
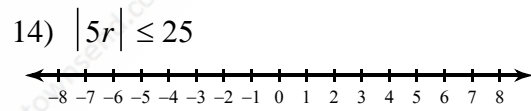
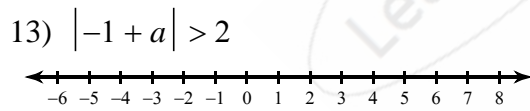
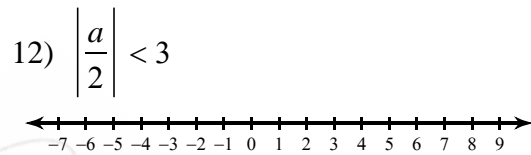
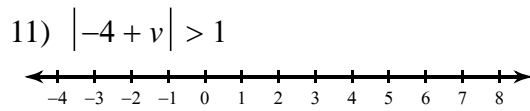
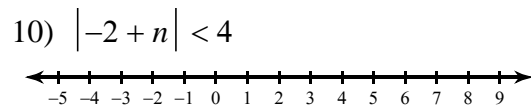
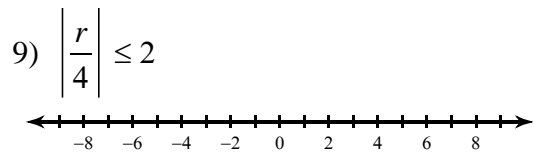


7) $|x + 3| < 4$



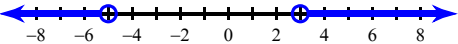
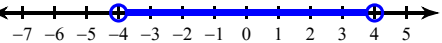
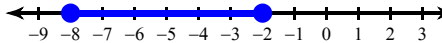
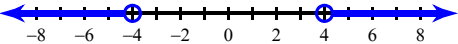
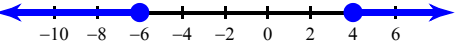
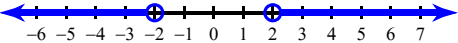
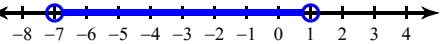
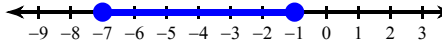
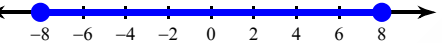
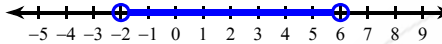
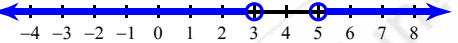
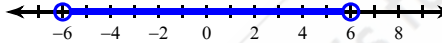
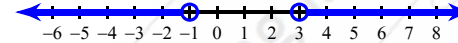

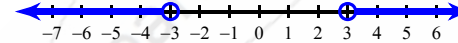
8) $|4 + v| \leq 3$





www.mrtownsend.com

Answers to

- 1) $x > 3$ or $x < -5$: 
- 2) $-4 < x < 4$: 
- 3) $-8 \leq v \leq -2$: 
- 4) $a > 4$ or $a < -4$: 
- 5) $k \geq 4$ or $k \leq -6$: 
- 6) $n > 2$ or $n < -2$: 
- 7) $-7 < x < 1$: 
- 8) $-7 \leq v \leq -1$: 
- 9) $-8 \leq r \leq 8$: 
- 10) $-2 < n < 6$: 
- 11) $v > 5$ or $v < 3$: 
- 12) $-6 < a < 6$: 
- 13) $a > 3$ or $a < -1$: 
- 14) $-5 \leq r \leq 5$: 
- 15) $x < -3$ or $x > 3$: 
- 16) $n > 11$ or $n < -3$: 