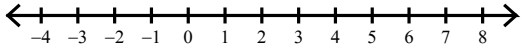


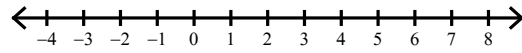
1-6 Practice Solving Absolute Value Inequalities

Solve each inequality and graph its solution.

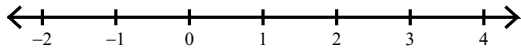
1) $\frac{|n+10|}{5} \leq -3$



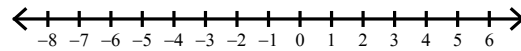
2) $|b+4| - 4 > -5$



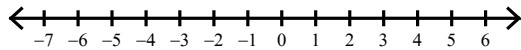
3) $-4|9x| > -36$



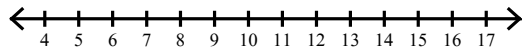
4) $\frac{|-5x|}{4} \geq 4$



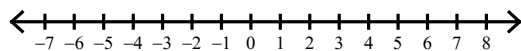
5) $\left|\frac{a}{5}\right| - 5 \leq -4$



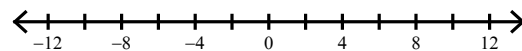
6) $-4 + |v-10| > -2$



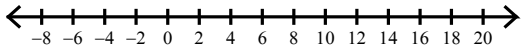
7) $6\left|\frac{p}{6}\right| > 3$



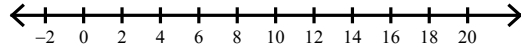
8) $5\left|\frac{k}{2}\right| \leq 25$



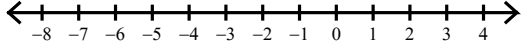
$$9) \frac{|-7+n|}{3} \leq 4$$



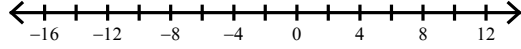
$$10) |m-10| - 5 \leq 4$$



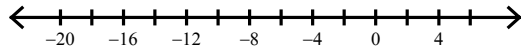
$$11) 2 + |x+2| \leq -5$$



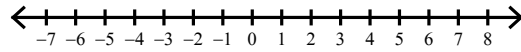
$$12) |x+1| + 3 \geq 13$$



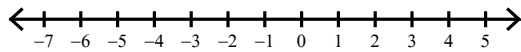
$$13) 6 + |r+7| \geq 17$$



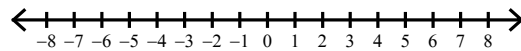
$$14) |-2b| + 5 < 17$$



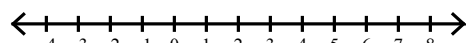
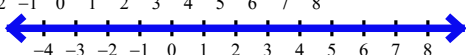
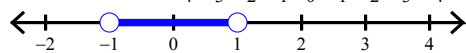
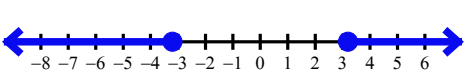
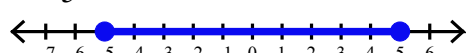
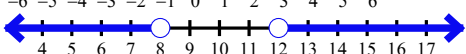
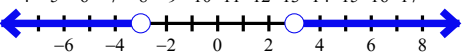
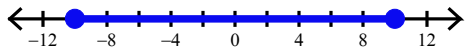
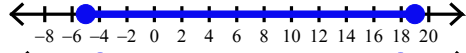
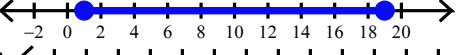
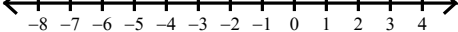
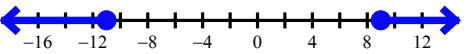
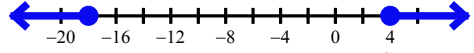
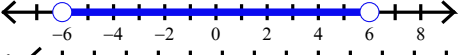
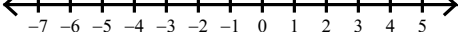
$$15) -9|-8n| \geq 72$$



$$16) \left| \frac{v}{9} \right| + 2 \geq 1$$



Answers to 1-6 Practice Solving Absolute Value Inequalities

- 1) No solution. : 
- 2) { All real numbers. } : 
- 3) $-1 < x < 1$: 
- 4) $x \leq -\frac{16}{5}$ or $x \geq \frac{16}{5}$: 
- 5) $-5 \leq a \leq 5$: 
- 6) $v > 12$ or $v < 8$: 
- 7) $p > 3$ or $p < -3$: 
- 8) $-10 \leq k \leq 10$: 
- 9) $-5 \leq n \leq 19$: 
- 10) $1 \leq m \leq 19$: 
- 11) No solution. : 
- 12) $x \geq 9$ or $x \leq -11$: 
- 13) $r \geq 4$ or $r \leq -18$: 
- 14) $-6 < b < 6$: 
- 15) No solution. : 
- 16) { All real numbers. } : 