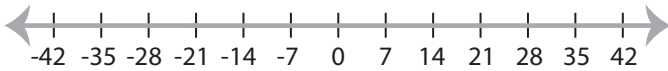


## Solving & Graphing Inequalities

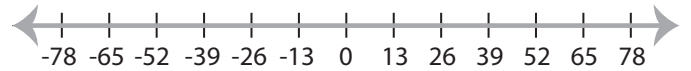
Basic: S3

Solve each problem and graph the solutions.

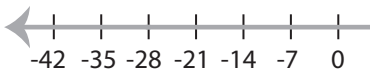
1)  $|x| \leq 21$



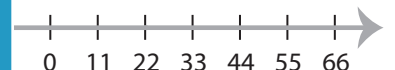
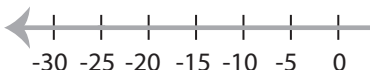
2)  $|x| < -13$



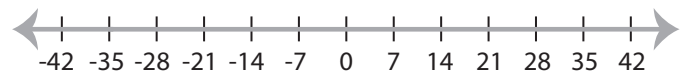
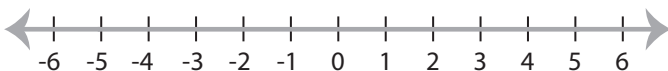
3)  $|x| \geq 28$



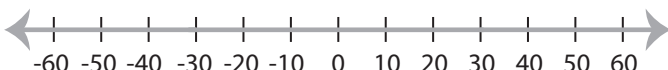
5)  $|x| < 25$



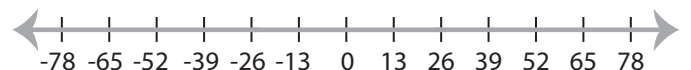
7)  $-|x| > 3$



9)  $|x| \geq 30$



10)  $|x| < 26$



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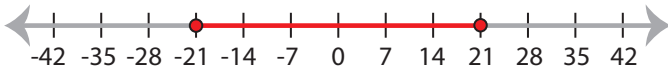
## Solving & Graphing Inequalities

Basic: S3

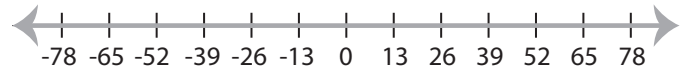
Solve each problem and graph the solutions.

1)  $|x| \leq 21$

$-21 \leq x \leq 21$

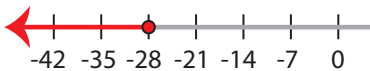


2)  $|x| < -13$

**No solution**

3)  $|x| \geq 28$

$x \leq -28$  or  $x \geq 28$



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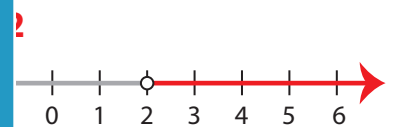
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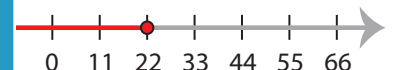
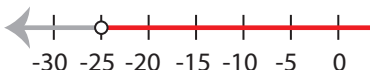
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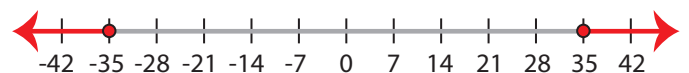
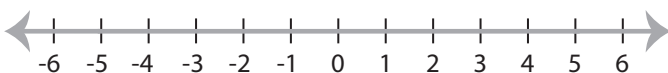


5)  $|x| < 25$

$-25 < x < 25$

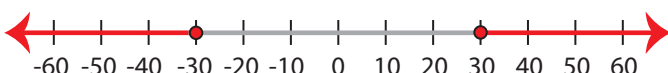


7)  $-|x| > 3$

**No solution****35**

9)  $|x| \geq 30$

$x \leq -30$  or  $x \geq 30$



10)  $|x| < 26$

$-26 < x < 26$

