

Name : \_\_\_\_\_

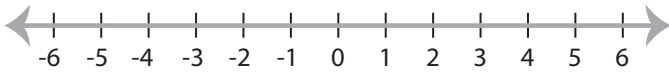
Score : \_\_\_\_\_

## Solving & Graphing Inequalities

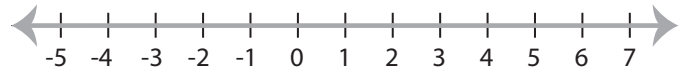
Basic: S1

Solve each problem and graph the solutions.

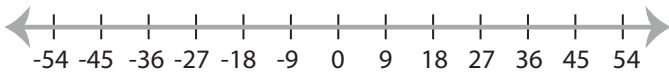
1)  $|x| < 3$



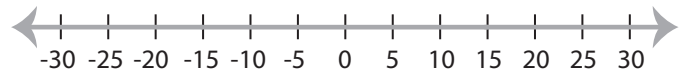
2)  $|x| \geq 2$



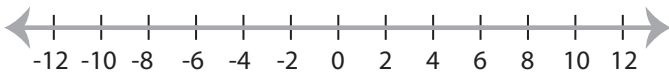
3)  $-|x| \leq 27$



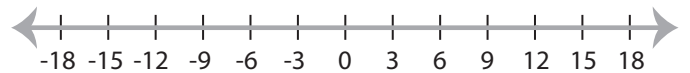
4)  $|x| > 15$



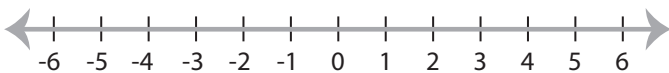
5)  $|x| \geq 6$



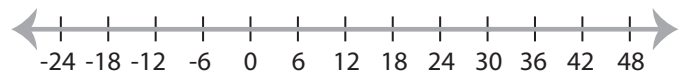
6)  $|x| < 12$



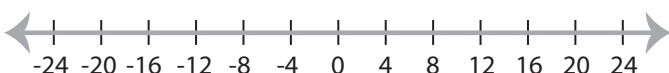
7)  $|-x| \leq 1$



8)  $|x| > -18$



9)  $|x| > 16$



10)  $|x| \leq 4$



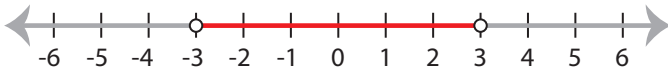
**Solving & Graphing Inequalities**

Basic: S1

Solve each problem and graph the solutions.

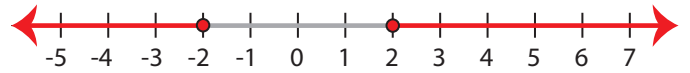
1)  $|x| < 3$

$-3 < x < 3$



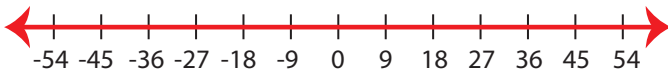
2)  $|x| \geq 2$

$x \leq -2$  or  $x \geq 2$



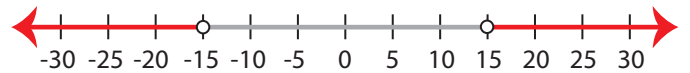
3)  $-|x| \leq 27$

**{All real numbers}**



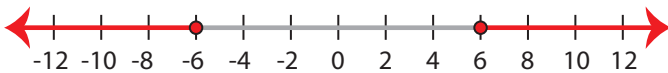
4)  $|x| > 15$

$x < -15$  or  $x > 15$



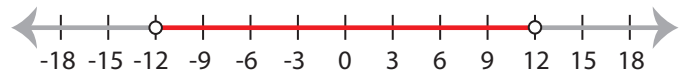
5)  $|x| \geq 6$

$x \leq -6$  or  $x \geq 6$



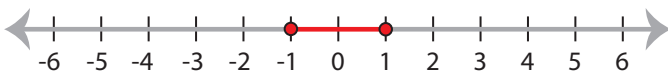
6)  $|x| < 12$

$-12 < x < 12$



7)  $|-x| \leq 1$

$-1 \leq x \leq 1$



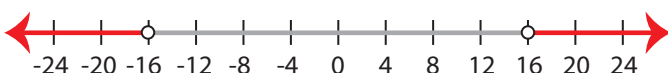
8)  $|x| > -18$

**{All real numbers}**



9)  $|x| > 16$

$x < -16$  or  $x > 16$



10)  $|x| \leq 4$

$-4 \leq x \leq 4$

