

## Solving Absolute Value Inequalities



Solve. | 2x - 5 | > 41

$$2x - 5 < -41$$
 or  $2x - 5 > 4$   
 $+5$   $+5$  or  $2x > 46$   
 $z = 2$  or  $2x > 46$   
 $2 \times 2 - 18$  or  $2 \times 23$ 

Solve. | 2x - 5 | > 41

Where are you on a number line if you are more than 41 units from zero?





