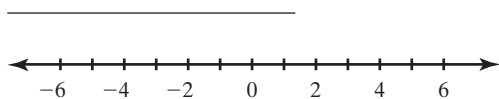


## Practice 3-2

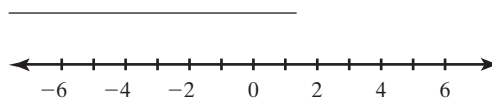
## Solving Inequalities by Adding or Subtracting

Solve each inequality. Graph each solution.

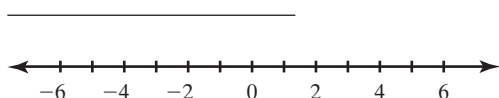
1.  $w + 4 < -2$



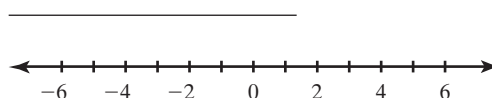
2.  $a - 4 \geq 0$



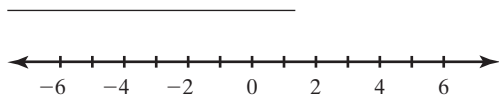
3.  $a + 19 > 13$



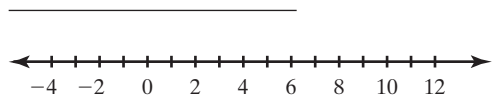
4.  $x + 7 \leq 12$



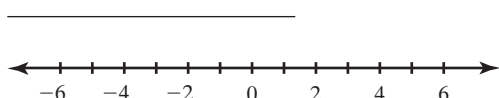
5.  $a + 2 > -3$



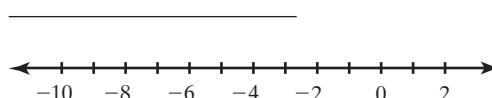
6.  $t - 6 < 3$



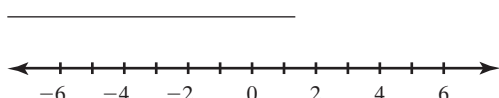
7.  $r - 3.4 \leq 2.6$



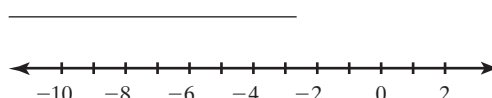
8.  $a + 5.7 \geq -2.3$



9.  $h - 4.9 > -0.9$



10.  $y + 3.4 < -4.6$



Write an inequality for each problem. Solve the inequality.

11. The school record for the most points scored in a football season is 85. Lawrence has 44 points so far this season. How many more points does he need to break the record?

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12. The maximum weight limit for a fully loaded truck is 16,000 pounds. The truck you are loading currently weighs 12,500 pounds. How much more weight can be added and not exceed the weight limit?

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