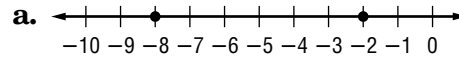


# 6-5 Skills Practice

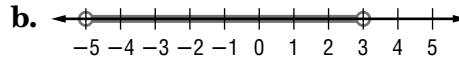
## Solving Open Sentences Involving Absolute Value

Match each open sentence with the graph of its solution set.

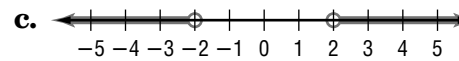
1.  $|x| > 2$



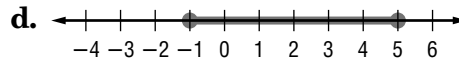
2.  $|x + 5| = 3$



3.  $|x - 2| \leq 3$



4.  $|x + 1| < 4$



Express each statement using an inequality involving absolute value. Do *not* solve.

5. The weatherman predicted that the temperature would be within 3° of 52°F.

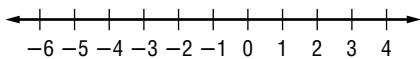
Ex.  $|T - 52| \leq 3$  Look

6. Serena will make the B team if she scores within 8 points of the team average of 92.

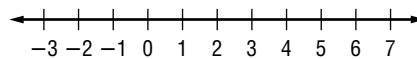
7. The dance committee expects attendance to number within 25 of last year's 87 students.

Solve each open sentence. Then graph the solution set.

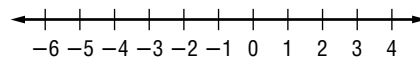
8.  $|s + 1| = 5$



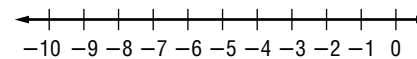
9.  $|c - 3| < 1$



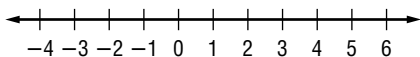
10.  $|n + 2| \geq 1$



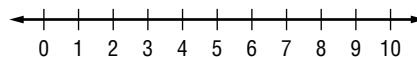
11.  $|t + 6| > 4$



12.  $|w - 2| = 2$



13.  $|k - 5| \leq 4$



Look 

The solutions for # 8 to 13 must be on looseleaf.  
Only the graphs for these problems go here. -- Mr. C.