Practice 9.3

Name(s)_____

Solve the inequality.

1) $|x + 19| < 7$

2) $|x| - 6 \leq 1$

3) $|8k + 9| < -8$

4) $|x - 15| > 9$

5) $|x| + 2 \geq 5$

6) $|8k - 2| > -3$

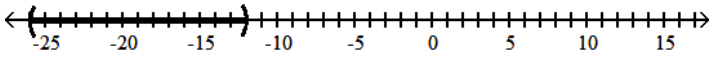
7) $|x - 3| \geq 0$

8) $\left|\frac{7y + 28}{4}\right| < 7$

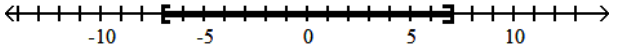
9) $\left|\frac{5y + 20}{4}\right| > 5$

Answer Key
Testname:

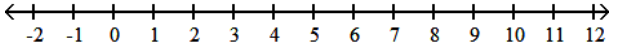
1) $(-26, -12)$



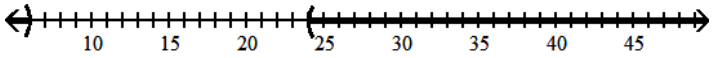
2) $[-7, 7]$



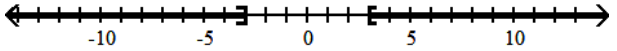
3) $\emptyset$



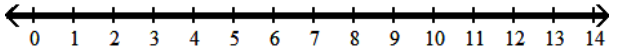
4) $(-\infty, 6) \cup (24, \infty)$



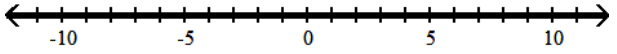
5) $(-\infty, -3] \cup [3, \infty)$



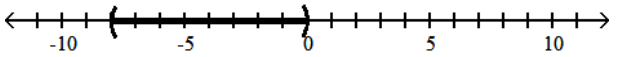
6) $(-\infty, \infty)$



7) $(-\infty, \infty)$



8) $(-8, 0)$



9) $(-\infty, -8) \cup (0, \infty)$