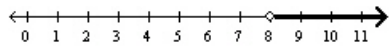


Name: _____ Date: _____ Class: _____

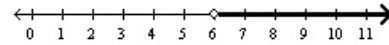
SECTION 2-8 QUIZ A

Identify the solution of the compound inequality $x + 4 > 9$ or $2x \geq 14$ and the graph that represents it.

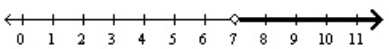
$\{x|x > 8\}$



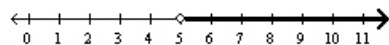
$\{x|x > 7\}$



$\{x|x > 6\}$



$\{x|x > 5\}$



Solve the equation $|p - 8| = 4$.

$p = 12$ or $p = 4$

$p = 8$ or $p = 4$

$p = 8$ or $p = -4$

$p = 4$ or $p = -8$

Solve the equation $|7q| + 3 = 24$.

$q = 3$ or $q = -3$

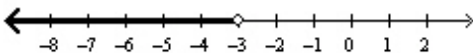
$q = 4$ or $q = -4$

$q = 3$ or $q = -4$

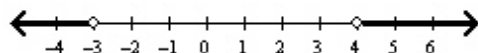
$q = -3$ or $q = 4$

Identify the solution of the inequality $|3 - 6x| > 21$ and the graph that represents it.

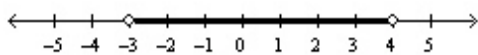
$\{x | x \leq -3\}$



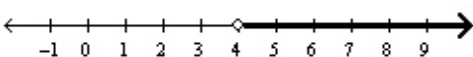
$\{x | x < -3 \text{ or } x > 4\}$



$\{x | x > -3 \text{ and } x < 4\}$



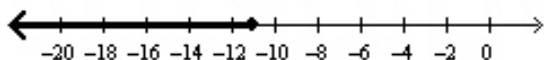
$\{x | x > 4\}$



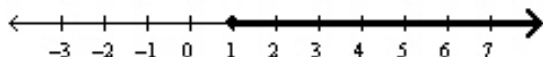
EXTRA CREDIT

Identify the solution of the inequality $-3|n + 5| \geq 24$ and the graph that represents it.

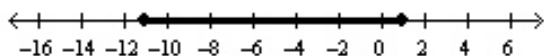
$\{n | n \leq -11\}$



$\{n | n \geq 1\}$



$\{n | -11 \leq n \leq 1\}$



no solution