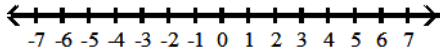


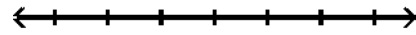
Name _____

Graph on a number line.

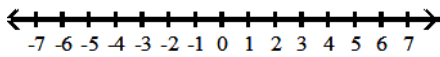
1) $x > 5$



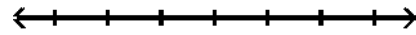
5) $\frac{x}{7} > 3$



2) $2 \leq x$

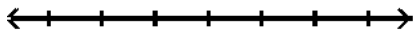


6) $-8x - 4 \leq -2(3x + 11)$



Solve the inequality. Be able to write solutions in both set-builder and interval notation.

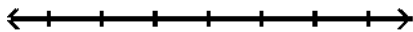
3) $12x - 6 \geq 11x + 1$



Solve.

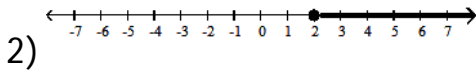
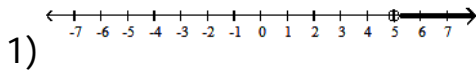
7) Eight less than three times a number is less than ten. Find all such numbers.

4) $-6 < \frac{y}{2}$

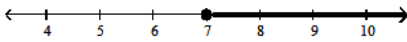


Answer Key

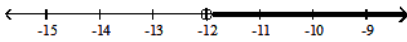
Testname: M050_9.7WKS



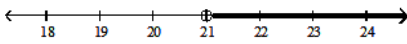
3) $\{x \mid x \geq 7\}$



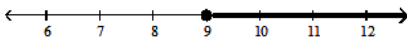
4) $\{y \mid y > -12\}$



5) $\{x \mid x > 21\}$



6) $\{x \mid x \geq 9\}$



7) $x < 6$