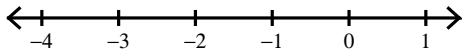


Review After break

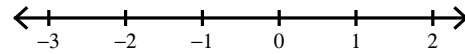
Date _____

Solve each inequality, graph its solution, and write the solution in interval notation.

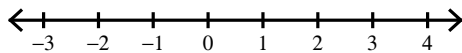
1) $-20 \leq -2(1 - x) + 7x$



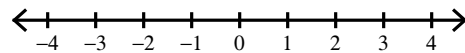
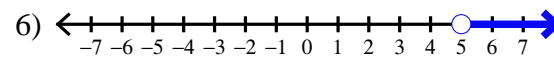
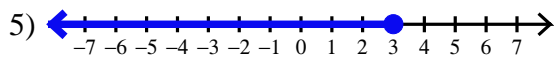
2) $-23 < 3(-7x - 6) - 5$



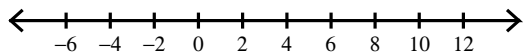
3) $3(x - 2) + 5(x + 6) > 32$



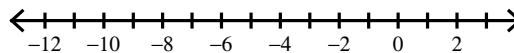
4) $-3(-7 - 6x) - 4(-7 - 2x) \geq 75$

**Write an inequality for each graph in set and interval notation.**

7) $7 + b \leq 4$ or $b - 2 \geq 6$

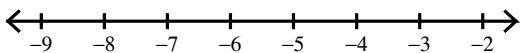


8) $10m \geq -20$ or $m - 6 \leq -13$

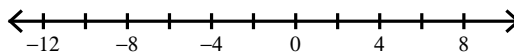


Solve each inequality, graph its solution, and write the solution in interval notation.

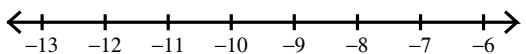
9) $-8 < x - 2 \leq -5$



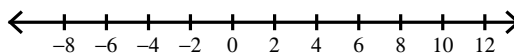
10) $x - 4 < -11$ or $x - 2 > 3$



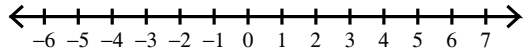
11) $49 \leq -7x \leq 70$



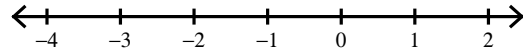
12) $10x \leq -40$ or $-7x \leq -63$



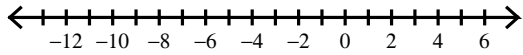
13) $5x - 9 \geq 6x - 6$ or $2 + x \leq 3x - 6$



14) $6x - 5 < 3x - 2 \leq 7x + 2$



15) $-8 + 5x \geq 7x + 10$ or $-5x + 5 \leq -2x + 2$



16) $x + 10 > 10 - 7x > 4 - 6x$

