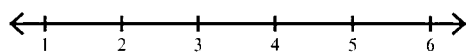


Q3 - Homework 7 - Worksheet 6-3

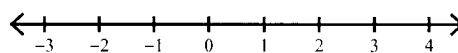
Date _____ Period _____

Solve each inequality and graph its solution.

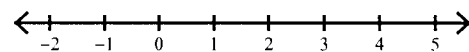
1) $-11 \leq 1 - 5x + x$



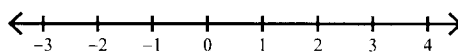
2) $-5 \leq -4 - 4n - 5$



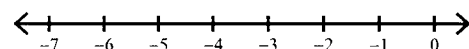
3) $2p + 6p \leq 16$



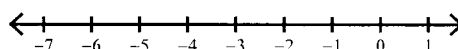
4) $-5m - 3m \geq -16$



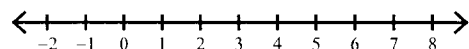
5) $-2 < n + 3$



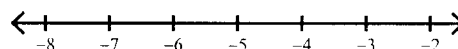
6) $3v \geq -6$



7) $2 < -1 + x$



8) $-2b < 10$

**Solve each inequality.**

9) $12 \geq 6(-v - 1)$

10) $-5(x + 1) \leq -25$

11) $2(-2m + 1) \leq 26$

12) $6(1 - n) \geq -12$

13) $\frac{53}{12} \geq k + 2\frac{3}{4}$

14) $k - \frac{4}{5} > -\frac{4}{5}$

15) $-\frac{24}{5}x > -\frac{24}{25}$

16) $\frac{2x}{3} \geq \frac{2}{3}$

17) $-2(3x - 3) \leq 15 + 3x$

18) $-2(x + 6) - 3 > -23 - 6x$

19) $-6 + 3(1 + 2n) > 3n + 12$

20) $5(3x + 2) + 2x \geq -26 + 5x$