

Absolute Value Equations & Inequalities Review

Solve each equation.

1) $|6b - 3| = 21$

2) $|-2m + 7| = 1$

3) $|-4 + 8k| = 68$

4) $|-2n + 5| = 19$

5) $|4n - 2| = 2$

6) $|b - 2| = 11$

$$7) |10 - 4a| = 30$$

$$8) |3 - 3x| = 15$$

$$9) |2x - 2| = 2$$

$$10) |5 - 2n| = 7$$

$$11) 5|9 - p| = 15$$

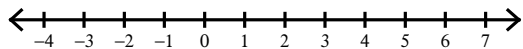
$$12) |10x + 10| - 2 = 78$$

$$13) 9|2n - 3| = 9$$

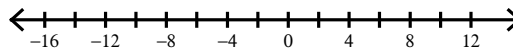
$$14) |6x - 6| + 5 = 59$$

Solve each inequality and graph its solution.

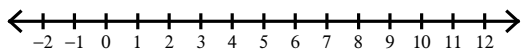
15) $|-9 + 9m| \leq 27$



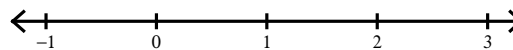
16) $|4x + 8| > 40$



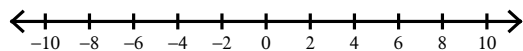
17) $|-2x + 8| > 6$



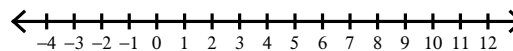
18) $|-4n + 2| < 2$



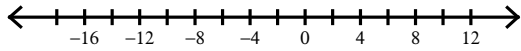
19) $|2n + 1| < 17$



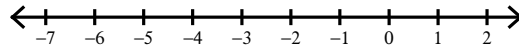
20) $|4 - a| < 6$



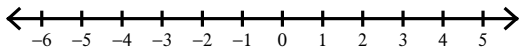
$$21) -2|-2p - 8| \geq -56$$



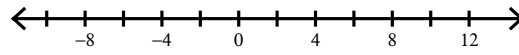
$$22) 9|9 + 3x| \leq 81$$



$$23) -5|4x + 4| \geq -60$$



$$24) |-3n + 6| - 9 > 15$$



$$25) -1 + |3 - 2x| < 14$$

