Algebra 1 Name_____

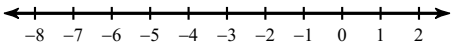
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Chapter 3 Review

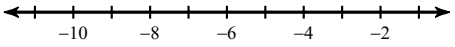
Date_____ Period____

Solve each inequality and graph its solution.

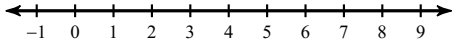
1) $\frac{x}{8} + 5 > 5$



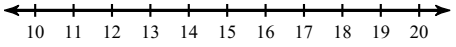
2) $0 \le -8(a + 9)$



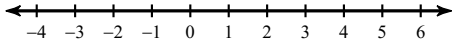
3) $-7v - 9 \ge -16$



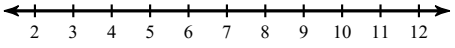
4) $1 \le \frac{6 + x}{24}$



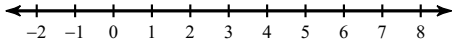
5) $-96 \ge -8(4 - 8m)$



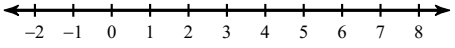
6) $98 \ge 2p + 8(p + 6)$



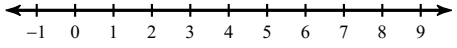
7) $4r + r < 20$



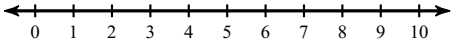
8) $8p + 3 - 2 \le 9$



9) $-38 - 2k \le 3(4 - 4k)$

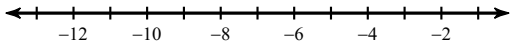


10) $5 + 2(-7 + 7n) > 26 + 7n$

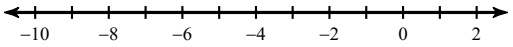


Solve each compound inequality and graph its solution.

11) $10 + n \ge 5$ or $\frac{n}{6} \le -1$

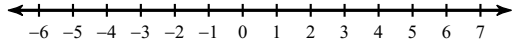


12) $b + 3 \le 3$ and $-7b \le 28$

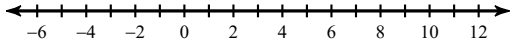


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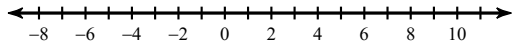
13) $-7 \le 3x + 8 \le 20$



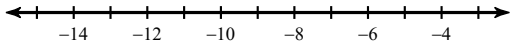
14) $-5 < 3v + 4 < 31$



15) $-10p + 6 \ge -84$ and $7p + 2 > -40$

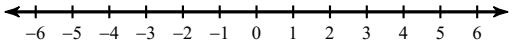


16) $10x + 8 \le -92$ or $-2 + 5x \ge -32$

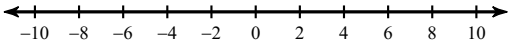


Solve each inequality and graph its solution.

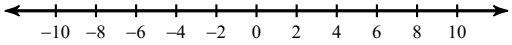
17) $\left|x\right| \ge 3$



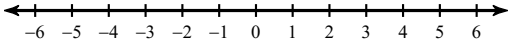
18) $\left|x\right| \ge 5$



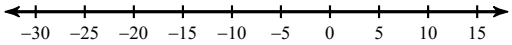
19) $\dfrac{\left|m\right|}{2} > 4$



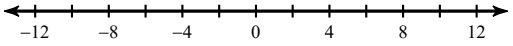
20) $\left|v\right| + 6 < 11$



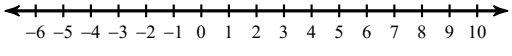
21) $\dfrac{\left|k + 7\right|}{6} > 3$



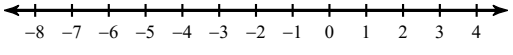
22) $5\left|\dfrac{m}{9}\right| \le 5$



23) $8 - 10\left|-2p + 4\right| \le -72$



24) $-7 + 6\left|6 + 4r\right| < 53$



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