One Step Algebraic Inequalities (1A)
Cover Algebraic Term with Unknown! Determine Value for Inequality to be Equal!
Create a Number Line Graph for Solution! The Number Line will have a Solid or Hole!
Check Test Points by Substitution, to Verify the Solution to Inequality!

All Test Points (TPs) make Inequality Statement **True or False** depending upon if TP is **in Solution Set or not in SS**!

$W + 4 < 9$ $W < 5$

Test Points = 4 & 6

$5 + P \geq 9$ $P \geq 4$

Test Points = 2 & 6

$R - 2 > 5$ $R > 7$

Test Points = 5 & 9

$C - 2 \leq 6$ $C \leq 8$

Test Points = 6 & 10

$2D \leq 4$ $D \leq 2$

Test Points = 0 & 4

$3W > 21$ $W > 7$

Test Points = 5 & 9

$M / 3 \geq 9$ $M \geq 27$

Test Points = 25 & 29

$S / 3 < 6$ $S < 18$

Test Points = 16 & 20

$T - 7 \geq 2$ $T \geq 9$

Test Points = 7 & 11

$B - 3 < 5$ $B < 8$

Test Points = 6 & 10

$X + 5 \leq 8$ $X \leq 3$

Test Points = 1 & 5

$2 + M > 8$ $M > 6$

Test Points = 4 & 8

$P / 4 > 2$ $P > 8$

Test Points = 6 & 10

$T / 5 \leq 2$ $T \leq 10$

Test Points = 8 & 12

$5A < 10$ $A < 2$

Test Points = 0 & 4

$4Z \geq 16$ $Z \geq 4$

Test Points = 2 & 6

All Test Points (TPs) make Inequality Statement **True or False** depending upon if TP is **in Solution Set or not in SS**!

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One Step Algebraic Inequalities (1B)
Cover Algebraic Term with Unknown! Determine Value for Inequality to be Equal!
Create a Number Line Graph for Solution! The Number Line will have a Solid or Hole!
Check Test Points by Substitution, to Verify the Solution to Inequality!

All Test Points (TPs) make Inequality Statement **True or False** depending upon if TP is **in Solution Set or not in SS**!

$P + 4 \geq 11$ $P \geq 7$

TPs= 5 & 9

$5 + M \leq 12$ $M \leq 7$

TPs= 5 & 9

$C - 2 \leq 6$ $C \leq 8$

TPs= 6 & 10

$U - 4 \geq 12$ $U \geq 8$

TPs= 6 & 10

$2Z > 8$ $Z > 4$

TPs= 2 & 6

$3G < 15$ $G < 5$

TPs= 3 & 7

$A / 2 < 6$ $A < 12$

TPs= 10 & 14

$E / 2 > 5$ $E > 10$

TPs= 8 & 12

$2Y \leq 6$ $Y \leq 3$

TPs= 1 & 5

$2H \geq 12$ $H \geq 6$

TPs= 4 & 8

$B / 3 \geq 2$ $B \geq 6$

TPs= 0 & 8

$M / 5 \leq 3$ $M \leq 15$

TPs= 13 & 17

$D - 5 < 4$ $D < 9$

TPs= 7 & 11

$H - 4 > 2$ $H > 6$

TPs= 4 & 8

$4 + S > 9$ $S > 5$

TPs= 3 & 7

$K + 4 < 6$ $K < 10$

TPs= 8 & 12

All Test Points (TPs) make Inequality Statement **True or False** depending upon if TP is **in Solution Set or not in SS**!