SOLVING TWO STEP LINEAR INEQUALITIES

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

1. $x + 5 > 8$
2. $2x - 3 < 7$
3. $4x + 1 \geq 17$
4. $3x - 2 \leq 10$
5. $5x + 4 > 19$
6. $6x - 7 < 23$
7. $2x + 8 \geq 16$
8. $7x - 5 \leq 30$
9. $8x + 3 > 35$
10. $9x - 6 < 39$
11. $10x + 2 \geq 42$
12. $11x - 9 \leq 46$
13. $12x + 10 > 58$
14. $13x - 11 < 54$
15. $14x + 12 \geq 68$
16. $15x - 13 \leq 62$

MASTER QUESTIONS

M1. A number increased by 8 is greater than 15. Find the possible values of the number.

M2. Twice a number decreased by 4 is at most 20. What is the maximum possible value of the number?

M3. The product of 5 and a number, plus 3, is less than 38. Determine the range of values for the number.