

Task 1:

Solve the following inequalities algebraically, use the graphing tool to check your answers

1. $x + 5 \geq 13$

2. $x - 7 \geq 4$

3. $6x \leq 42$

4. $4x + 5 > 17$

5. $3x - 4 \leq 11$

6. $\frac{x}{5} - 2 < 7$

7. $4(2x + 1) > 52$

Task 2

Example:

$$6 - x > 2$$

1. $15 - 4x < 3$

2. $13 - 2x \leq 7$

3. $5 - 3x > -4$

4. $9 - 5x \geq -16$

5. $2(4 - 3x) \geq 32$