

Name - _____

Start time - __: __

End time - __: __

Solve the following inequalities.

a) $3x \geq 36$ - _____

b) $-96 \leq -12x$ - _____

c) $-\frac{x}{3} < -28$ - _____

d) $4x + 11 < 23$ - _____

e) $5x + 3 \leq 43$ - _____

f) $-3x - 7 \leq -1$ - _____

g) $11 \leq \frac{x}{7}$ - _____

h) $65 < 7x - 12$ - _____

i) $2x + 4 < 8$ - _____

Solve these inequalities, giving your answers using set notation.

a) $4x < 16$ - _____

b) $-33 \leq 11x$ - _____

c) $-\frac{x}{5} > -1$ - _____

d) $\frac{x}{6} > -3$ - _____

e) $2x + 15 < 21$ - _____

f) $-5x - 8 \geq 12$ - _____

g) $44 < 8x + 16$ - _____

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