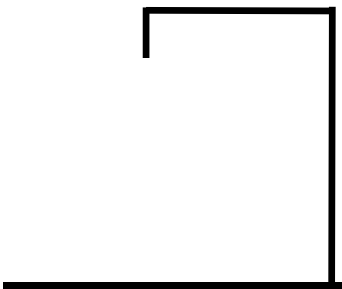


Name:

Date:

Period:

Solving Linear Inequalities HANGMAN



 $x > -1$ $x > -5$ $x < -1$ $x < -2$ $x > 27$ $x < 9.5$

Directions: Discover the hidden message. Choose a letter and solve the linear inequality. **Show work on a separate sheet of paper.** Check to see if the solution matches the above blanks. Add a body part if guess does not match.

| | | |
|-------------------------------------|--------------------------------------|-------------------------------------|
| A $12 > 9 - 3x$ | J $0.5x + 3.6 > 8.1$ | S $-6x + 4 < 16$ |
| B $\frac{x}{3} - 5 > 4$ | K $13 > -4x - 7$ | T $4x - 3 > 13$ |
| C $-\frac{1}{5}x - 6 < 1$ | L $3x + 5 < 17$ | U $5 - 3x < 32$ |
| D $8x - 34 < 38$ | M $2x + 4 < 0$ | V $4x - 27 > 17$ |
| E $-7x + 29 > -48$ | N $-1 < -\frac{1}{9}x + 2$ | W $31 < 7 - 3x$ |
| F $-2x + 11 > 5$ | O $2x + 9 < 28$ | X $-3x - 19 < -18$ |
| G $3x - 14 < -41$ | P $2x - 3.6 < 7.2$ | Y $54 < 19 - 7x$ |
| H $14 < 5x - 13$ | Q $6x + 4 < 2$ | Z $\frac{1}{7}x + 13 < 8$ |
| I $15 < 6 - 9x$ | R $4x - 5 > 7$ | |

