

solving Linear Inequalities Hangman

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| <p>Directions: Complete the linear inequality. Choose a letter and solve the linear inequality. After every 4th inequality that is solved, there is an 8th inequality that matches the chosen letter. Add a body part if you solve the inequality.</p> | | |
| A $6 > -\frac{2}{3}(7x + 2)$ | J $-\frac{2}{3}(3 - 4x) + 8 > 18$ | S $-2x - 5x + 3 < 10$ |
| B $-\frac{1}{2}(x - 9) + 4 < -2$ | K $-3(4 + 2x) < 18$ | T $-2x + 12x - 4x < -4x$ |
| C $-\frac{1}{4}x - 8 < \frac{2}{4}$ | L $-2x + 12x - 4x < -4x$ | U $2 - 3(x + 4) < 17$ |
| D $-\frac{2}{3}(3 + 4x) + 8 < 18$ | M $10 < -2x - 5x + 3$ | V $\frac{2.6x - 4.8}{-2} + 3.2 < -8.2$ |
| E $\frac{2.6x - 4.8}{-2} + 3.2 < -8.2$ | N $-2 < -\frac{1}{2}(x - 9) + 4$ | W $-\frac{2}{3}(3 + 4x) + 8 > 18$ |
| F $7(2 - x) + 9 > 2$ | O $-\frac{2}{3}(3 - 4x) + 8 < 18$ | X $-3x + 4 < 5$ |
| G $2 - 3(x + 4) > 17$ | P $-\frac{1}{2}(3x - 9) + 4 > -2$ | Y $-3(4 + 2x) > 18$ |
| H $-\frac{1}{2}(3x - 9) + 4 < -2$ | Q $-3x + 4 > 5$ | Z $-\frac{1}{4}x - 8 > \frac{2}{4}$ |
| I $-\frac{2}{3}(7x + 2) > 6$ | R $7(2 - x) + 9 < 2$ | |