

Risolvere le seguenti disequazioni:

$$\frac{2x}{3} - 2 + x > 2 + \frac{x}{2} \quad \text{Risposta: } \left] \frac{24}{7}, +\infty \right[$$

$$\frac{2x}{3} + 1 + 3x > 6 - \frac{x}{2} \quad \text{Risposta: } \left] \frac{6}{5}, +\infty \right[$$

$$\frac{5x}{2} + 2 + \frac{x}{2} > 4 + 3x \quad \text{Risposta: } \emptyset$$

$$\frac{5x}{2} + 3 + \frac{x}{3} > 5 + 3x \quad \text{Risposta: } ]-\infty, -12[$$

$$\frac{x}{2} + 2 + 2x > 4 - \frac{x}{3} \quad \text{Risposta: } \left] \frac{12}{17}, +\infty \right[$$

$$\frac{5x}{2} + 2 + \frac{2x}{3} < 2x + \frac{4}{3} \quad \text{Risposta: } \left] -\infty, -\frac{4}{7} \right[$$

$$\frac{2x}{3} + 2 + \frac{x}{4} > x + \frac{3}{2} \quad \text{Risposta: } ]-\infty, 6[$$

$$\frac{3x}{2} + 2 + \frac{x}{4} < x + \frac{4}{3} \quad \text{Risposta: } \left] -\infty, -\frac{8}{9} \right[$$

$$\frac{x}{3} - 2 + \frac{2x}{3} < x - \frac{2}{3} \quad \text{Risposta: } \mathbf{R}$$

$$\frac{x}{3} - 2 + \frac{2x}{3} < \frac{x}{2} + \frac{1}{3} \quad \text{Risposta: } \left] -\infty, \frac{14}{3} \right[$$

$$\frac{x}{2} + 2 - \frac{2x}{3} < \frac{2x}{3} + 1 \quad \text{Risposta: } \left] \frac{6}{5}, +\infty \right[$$

$$\frac{x}{2} + 1 - \frac{x}{3} < \frac{2x}{3} + 4 \quad \text{Risposta: } ]-6, +\infty[$$

$$\frac{5x}{2} - 2 + \frac{2x}{3} < x - \frac{2}{3} \quad \text{Risposta: } \left] -\infty, \frac{8}{13} \right[$$

$$\frac{x}{2} - 2 + \frac{2x}{3} < 2x - \frac{2}{3} \quad \text{Risposta: } \left] -\frac{8}{5}, +\infty \right[$$

$$\frac{5x}{3} - 1 + \frac{x}{2} \leq 2 + x \quad \text{Risposta: } \left] -\infty, \frac{18}{7} \right]$$

$$\frac{5x}{2} - 1 + \frac{x}{3} \geq 2 + x \quad \text{Risposta: } \left[ \frac{18}{11}, +\infty \right[$$

$$\frac{5x}{3} - 1 + \frac{2x}{5} < 3 + 3x \quad \text{Risposta: } \left] -\frac{30}{7}, +\infty \right[$$

$$\frac{5x}{2} + \frac{3x}{4} > 1 + 3x \quad \text{Risposta: } ]4, +\infty[$$

$$\frac{3x}{4} + 3 - \frac{2x}{3} < 2 - \frac{x}{2} \quad \text{Risposta: } \left] -\infty, -\frac{12}{7} \right[$$

$$\frac{x}{4} + 3 - \frac{2x}{3} > 2 - \frac{x}{3} \quad \text{Risposta: } ]-\infty, 12[$$