



CLASSE 5^A GINNASIO

26 Gennaio 2009

DISEQUAZIONI

COGNOME _____ NOME _____

1. $\frac{3}{2} \left(x + \frac{1}{2} \right) > 2 \left(x + \frac{1}{2} \right) - \frac{1}{2} \left(x - \frac{1}{2} \right)$ _____ / 1,5

2. $4(5x - 1) + 2(3x + 1)^2 > 3x(6x + 5) - 2x - 3$ _____ / 2

3.
$$\begin{cases} 9x - 15 - 2(x + 1) \geq -2(x - 3) - 20 \\ \frac{1-x}{2} + 1 \geq \frac{2}{3}x - \frac{4}{3} \end{cases}$$
 _____ / 3,5

4.
$$\begin{cases} 2x + (x - 1)^2 + x > x^2 + 3 \\ 6x - 3 < x + 2 \end{cases}$$
 _____ / 2,5

5. $\frac{x+5}{2x-8} + \frac{x-2}{x} \geq \frac{3x+1}{2x} + \frac{x+1}{x(x-4)}$ _____ / 7

6. $\frac{x+1}{3x} \leq \frac{x}{3x+1}$ _____ / 4,5

7. $|7x+1| \geq 0$ _____ / 1

8. $|3x-4| < 2$ _____ / 2

9. $\left| \frac{7}{x} - 4x + 7 \right| < 0$ _____ / 1