CLASSE **2^ A LICEO SCIENTIFICO** 22 Febbraio 2014 **Recupero 1° quadr: Disequazioni**

COGNOME _____ **NOME** _____

1. $6\left[\frac{x-3}{2}-3\left(\frac{x-1}{6}-\frac{1-x}{4}\right)\right]<x-7$ _____ / 1,5

2. $6+x\sqrt{2}\leq\sqrt{6}\left(1+\sqrt{6}\right)$ _____ / 1

3. $2\,(x-k)>k\,(x-1)$ _____ / 2

4. $\frac{kx-6}{4}\leq k-3x+\frac{9-k}{2}$ _____ / 2

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

6. $\begin{cases}\frac{x-1}{7}-x\leq\frac{9-x}{3}\\ 1-x+\frac{2}{3}x\leq 0\end{cases}$ _____ / 2,5

7. $\begin{cases}2\,(3+x)\leq x+7\\ 8+3x>2\\ 5x+4\geq 4x+5\end{cases}$ _____ / 2

8. $\frac{x-4}{x-3}<1$ _____ / 1,5

9. $\frac{3-x}{x+3}-1<\frac{1-2x}{6+2x}$ _____ / 3

10. $\frac{2(1+x)}{x-3}\leq\frac{2x-9}{12-4x}-\frac{3}{2}$ _____ / 3

Totale punti 21. Sufficienza con punti 11,2. **BUON LAVORO!!!**