Risolvi le seguenti disequazioni di primo grado		
1	5x - 3 < -2x + 11	x < 2
2	4x + 7 < 2x - 9	x < -8
3	8x - 5x > 2x - 20	x > -20
4	7x + 5 > 5x + 13	<i>x</i> > 4
5	3x - 9 > 7x + 5	$x < -\frac{7}{2}$
6	3x - 5 < -2	<i>x</i> < 1
7	$6(x+2) + 3 \le 18$	$x \le \frac{1}{2}$
8	2(x-1) + 3(x-2) < -7	$x < \frac{1}{5}$
9	$ x - 4(x + 2) \le 2x - [x - (3 - 4x)]$	R
10	5x + 9(2 - x) > 3(x + 1) - 4(2 + x) - 3x	R
11	4(2x-7) - 3x + 8(3-x) > 9x - 4(3x-1) + 20	Ø
12	11x - 12 - 8(4x - 5) > 7(x + 4) - x - 12	$x < \frac{4}{9}$
13	9x - 5 > 4x + 5x	Ø
14	-2(x-1) - 4x < -3 + 3x	$x > \frac{5}{9}$
15	4(x-3) + 2x > 2(x+5) - 3 + 3x	x > 19
16	$2(x+1)^2 - x > 2x^2 - 3x + 4 - 5(x-3)$	$x > \frac{17}{11}$
17	$4(x^2 - 49) + 61 \ge (2x - 5)^2$	<i>x</i> ≥ 8
18	$(x+5)(x+3) \ge (x+9)(x+1)$	<i>x</i> ≤ 3
19	4(x+2) + 3(x-2) > 2(x-3) + 4	$x > -\frac{4}{5}$

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20	$3x + 2 - 2x \leq 4x - 8$	$x \ge \frac{10}{3}$
21	8x - 4[x - 3(x - 1)] < 11[3x - 4(2x + 1)] + 3	$x < -\frac{29}{71}$
22	$\frac{x+2}{2} - 2x \ge \frac{4x+3}{3} - x$	<i>x</i> ≤ 0
23	$3x - 1 > \frac{9x + 8}{3}$	Ø
24	$\frac{3x-7}{8} - \frac{x+5}{4} \ge \frac{x}{3} - 4$	<i>x</i> ≤ 9
25	$2x - \frac{x-1}{2} - \frac{2x-4}{3} \ge x - 1$	<i>x</i> ≤ 17
26	$\frac{2x+1}{3} - \frac{x-1}{2} < 0$	x < -5
27	$x + \frac{1-x}{3} > 2x - 1$	<i>x</i> < 1
28	$\frac{7x-1}{2} > -\frac{2x+1}{4}$	$x > \frac{1}{16}$
29	$\frac{1}{2}x - 2 \le 3x - 1$	$x \ge -\frac{2}{5}$
30	$\frac{3}{10}x - 2 > \frac{x}{5} - \frac{1}{2}$	x > 15
31	$\frac{x-1}{2} - \frac{1}{3} > 2x - 3$	$x < \frac{13}{9}$
32	$3(x-1) - 1 < \frac{x-2}{3} - \left(x - \frac{x-1}{3}\right)$	$x < \frac{9}{10}$
33	$-x - \frac{1}{2} + \frac{x+1}{2} > 0$	<i>x</i> < 0
34	$\frac{3}{4}x - \frac{3}{2} + \frac{5}{4} < \frac{6x + 2}{3} - 2$	$x > \frac{13}{15}$
35	$\frac{x-3}{5} - 1 > 2x - \frac{x}{5} + \frac{8}{5}$	x < -2
36	$\frac{1}{2}x + 5 > \frac{3x - 4}{2} + 6 - x$	R
37	$\frac{3x-5}{2} + \frac{x-3}{3} - 2 \ge \frac{x+1}{3} - \frac{48}{9}$	$x \ge \frac{1}{3}$
		- 1

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38	$\frac{1-x}{2} - \frac{5-3x}{3} < 0$	$x < \frac{7}{3}$
38	$3x + \frac{3}{2} - x > \frac{x+1}{2}$	$x > -\frac{2}{3}$
40	$4x - 3 < -\frac{2}{3}x + 3$	$x < \frac{9}{7}$
41	$6x + 7 > \frac{1}{3}(9x - 3)$	$x > -\frac{8}{3}$
42	$\frac{x-1}{3} - x < \frac{2x+3}{2}$	$x > -\frac{11}{10}$
43	$\frac{4x-3}{3} - \left(2x - \frac{3}{2}\right) + 4x > 2x - \frac{1}{2}$	$x > -\frac{3}{4}$
44	$\frac{x+5}{2} - 1 \ge \frac{x+2}{3}$	$x \ge -5$
45	$\frac{6x+5}{3} - 1 < \frac{4x-1}{2}$	Ø
46	$1 - \frac{7 - 3x}{5} - \frac{x + 1}{2} \ge -\frac{6}{5}$	$x \ge -3$
47	$\frac{x}{5} - \frac{3x - 1}{6} > \frac{1}{3} - \frac{1}{2} \left(\frac{x}{4} + \frac{3}{5} \right)$	$x < \frac{16}{21}$
48	$\frac{2x-5}{3} + \frac{3-x}{5} \ge \frac{34}{15}$	$x \ge \frac{50}{7}$
49	$\frac{x}{3} - \frac{1}{2}\left(x + \frac{2}{3}\right) < \frac{1}{3} - 2\left(x + \frac{1}{3}\right)$	x < 0
50	$\frac{1}{2}x - \frac{1}{3}x + \frac{2}{3}(x - 4) \ge -1 + x$	<i>x</i> ≤ −10
51	$2 + \frac{9 - x}{6} - \frac{x}{5} \le \frac{1 + 3x}{15} - \frac{x}{5} + \frac{2}{15}$	<i>x</i> ≥ 9
52	$\frac{2x-3}{3} + \frac{5x+12}{4} \ge \frac{3}{2}x+1$	$x \ge -\frac{12}{5}$
53	$\frac{3x-1}{4} + \frac{5-x}{2} \le x + \frac{2}{3} - \frac{1+2x}{4} + \frac{11}{6}$	$x \ge 0$
54	$\frac{2x-3}{4} - \frac{3-x}{6} > \frac{5x-1}{6} - \frac{3+x}{24} - \frac{1}{6}$	$x < -\frac{19}{3}$

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55	$2x - \frac{3}{2}\left(x - \frac{1}{4}\right) \ge 11x - \frac{11}{8}(6x - 1)$	$x \le -\frac{4}{9}$
56	$\left(x - \frac{1}{3}\right)\left(x + \frac{2}{5}\right) - (x - 2)(x + 3) < \frac{4}{15}$	<i>x</i> > 6
57	$\left(x - \frac{5}{2}\right)\left(x + \frac{3}{2}\right) - (x - 5)(x + 3) \ge \frac{39}{4}$	$x \ge -\frac{3}{2}$
58	$2x - \frac{2}{9} + \frac{1}{3}(2x - 3) + 2(x - 3) \le \left(2x + \frac{1}{3}\right) - 3x + 2$	$x \le \frac{86}{51}$
59	$\frac{5}{7}x - \frac{13}{21} + \frac{x}{15} > \frac{9}{25} - \frac{2}{35}x$	$x > \frac{257}{220}$
60	$\frac{2x-3}{2} - \frac{3-x}{3} + 2x + \frac{1}{3} > \frac{2x-1}{4} - \frac{1}{6} + x$	$x > \frac{21}{22}$
61	$-2x - 3 + \frac{11}{5} + \frac{x - 3}{2} \ge \frac{3 - x}{10} - x + \frac{2}{5}$	$x \le -\frac{15}{2}$
	$\frac{3}{4}(2x-3) + 2 - \frac{3-2x}{12} + \frac{2}{3}x > x + \frac{x-5}{2} + 2x$	$x < \frac{12}{7}$
63	$\frac{x + \frac{1}{2}}{4} - \frac{\frac{3}{4}x - 3}{2} + \frac{1 - x}{4} < -\frac{5}{4}$	$x > \frac{25}{3}$
64	$\frac{3(x-2)}{4} + \frac{5}{6}x < \frac{3x-1}{8}$	$x < \frac{33}{29}$
65	$\left(x - \frac{1}{2}\right)\left(x + \frac{1}{2}\right) - \frac{1}{4} \le \frac{1 + 2x^2}{2} - \frac{5}{4} + \frac{3x - 1}{2}$	$x \ge \frac{1}{2}$
66	$2x + \left(x - \frac{1}{4}\right)^2 < \left(x - \frac{1}{4}\right) + \frac{x}{2} - \frac{x - 1}{2}$	$-\frac{3}{4} < x < \frac{1}{4}$
67	$\frac{1}{4} \left(2x - \frac{1}{4} \right)^2 - x \left(x - \frac{1}{8} \right) + 3x < \frac{3}{2}x + \frac{3}{16}$	$x < \frac{1}{8}$
68	$\frac{4x-3}{3} - \left(2x - \frac{3}{2}\right) + 4x > 2x - \frac{1}{2}$	$x > -\frac{3}{4}$
69	$\left(\frac{2}{3}x - \frac{1}{4}\right)\left(\frac{3}{2}x - 2\right) + \frac{3}{48} \ge \left(x - \frac{1}{2}\right)^2 - \frac{1}{24}$	$x \le \frac{1}{2}$
70	$\left(x + \frac{1}{2}\right)\left(x - \frac{1}{3}\right) + x + \frac{1}{6} > \left(x - \frac{1}{3}\right)\left(x + \frac{1}{3}\right) + \frac{1}{9}$	<i>x</i> > 0
71	$\frac{5(x-1)}{6} - \frac{3}{4}x > \frac{2x-1}{6} + \frac{1}{12}$	<i>x</i> < -3

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72	$-1.2x - \frac{2x - 3.4}{1 - 0.4} < 4x - \frac{20.3x - 0.6}{30.9}$	$x > \frac{235}{374}$
73	$\frac{2+3x}{4} - 1 > \frac{x-2}{3}$	$x > -\frac{2}{5}$
74	$\left(\frac{x}{4}+1\right)^2 - \frac{x}{2}(x+4) + \frac{7}{16}x^2 \le \frac{3}{2}(x+4) + 7$	$x \ge -4$
75	$\left(\frac{x}{2}+1\right)^2 - 3\left(\frac{x}{2}+1\right) + \frac{2}{5}x - 5 \ge -\frac{34}{5} + \frac{x^2}{4}$	<i>x</i> ≤ −2
76	$\frac{2x + \frac{1}{3}}{3} - \frac{3\left(\frac{1}{3} + x\right)}{2} \ge -\frac{2}{3}$	$x \le \frac{1}{3}$
77	$\left \frac{x}{3} - \left\{ -\frac{x}{2} - \left[\frac{x-1}{3} - \left(\frac{x+1}{2} - \frac{2x}{3} \right) \right] \right\} \le 0$	$x \le \frac{5}{8}$
78	$-\frac{x+5}{15} + \frac{2}{3} - \frac{x+1}{3} \ge -\frac{4x-5}{15} - \frac{x}{3} - \frac{1}{3}$	$x \ge 0$
79	$\frac{1}{2} \left(\frac{7x - 1}{4} + \frac{2x - 3}{2} \right) \ge 5x \left(x - \frac{1}{5} \right) - 5x^2 + \frac{3}{2}$	$x \ge 1$
80	$\left \frac{2}{3} \left(x - 2 - \frac{x - 1}{2} \right) \ge 1 - \frac{2}{3} x - \frac{2}{3} \left(x - \frac{x}{2} \right) + 2 \left(\frac{2}{3} x - 1 \right) \right $	R
81	$\left \frac{5}{2}x + \frac{2x-2}{3} - \frac{1-x}{3} - \left(\frac{3x-1}{2} + 2x \right) \right \ge \frac{3}{2}$	Ø
82	$\left \frac{3}{2} \left(x + \frac{1}{2} \right) \right > 2 \left(x + \frac{1}{2} \right) - \frac{1}{2} \left(x - \frac{1}{2} \right)$	Ø
83	$\left(x + \frac{1}{2}\right)\left(x - \frac{1}{3}\right) + x + \frac{1}{6} > \left(x - \frac{1}{3}\right)\left(x + \frac{1}{3}\right) + \frac{1}{9}$	<i>x</i> > 0
84	$\frac{x+\frac{2}{3}}{2} - \frac{x-\frac{1}{2}}{3} - 2x > \frac{x-8}{6} - \frac{15x}{8} + \frac{5}{6}$	<i>x</i> < 8
85	$\frac{1}{5}(x-2) - \left[1 + 2x - \left(x + \frac{1}{2}\right)\right] \le 1$	$x \ge -\frac{19}{8}$
86	$\frac{x}{3} \left(\frac{1}{2} - x \right) \le 2 - 5x - \left\{ -\frac{x}{3} + \left[2 - \frac{x}{3} (3 - x) \right] \right\}$	$x \le 0$
87	$\frac{1}{3}\left(x+\frac{1}{2}\right) - \left[-2x + \left(x-\frac{1}{2}\right)\right] < 0$	$x < -\frac{1}{2}$
88	$3\left[(x+3) + \frac{1}{3}x\right] < 7x$	<i>x</i> > 3

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89	$\frac{2}{3}\left(\frac{1}{2}+x\right) - \left[x + \left(\frac{1}{2}-x\right)\right] < 0$	$x < \frac{1}{4}$
90	$\frac{(x+1)^2}{3} + \frac{(x+1)(x-1)}{2} - 3x \ge \frac{3}{2}(x+1)^2 - \frac{2x^2 - 11}{3}$	<i>x</i> ≤ −1
91	$\frac{3}{2} - \frac{x - 0.5}{2} + \frac{(2x - 1)^2}{3} \le \frac{4}{3} \left(x^2 - \frac{1}{4}\right) + \frac{3}{2}$	$x \ge \frac{1}{2}$
92	$\frac{3x - 0, \overline{3}}{2} + \frac{x + 0, \overline{6}}{4} > 1$	$x > \frac{4}{7}$
93	$-\frac{2-3x}{2}+1-\frac{3}{4}x-\frac{2x+1}{6}<-\frac{5+x}{2}+\frac{2-3x}{2}+x$	$x < -\frac{16}{17}$
94	$3x - \frac{2}{3} - \frac{x - \frac{2}{3}}{3} + \frac{2x - 3}{12} > \frac{\frac{3}{2} - x}{6} - \frac{5}{3} - x + \frac{1 + 2x}{2} + 2\left(x - \frac{1}{6}\right)$	$x > -\frac{5}{9}$
95	$3\left(\frac{3-3x}{9} - \frac{5-2x}{9} - \frac{1-x}{3}\right) \ge 2x - 3 - \frac{5x-3}{3} + \left(4 - \frac{x}{3}\right) - \frac{2}{3}x$	$x \ge \frac{11}{4}$
96	$7x - (x+1)^2 - \frac{5-3x}{2} < \frac{3x-2}{4} - (x-3)^2 - \frac{3x+2}{2} + 5x - 3$	$x > \frac{8}{3}$
97	$2\left(1-\frac{x}{4}\right)+x-\frac{3x-2}{4}-\left[4\left(2x-\frac{1}{2}\right)-\frac{2-3x}{2}\right]+(3-x)^2<(x-3)^2-\frac{x}{2}$	$x > \frac{22}{37}$
98	$\frac{1}{3}x + \frac{30x + 1}{6} - 2x - 3\left(\frac{x - 3}{9} + 4x\right) < -\frac{3 + 2x}{6} + 1 - \frac{7x - \frac{1}{2}}{3}$	$x > \frac{3}{38}$
99	$5x + \frac{1}{3} - 2\left[\frac{x-3}{4} + \frac{3(3x-1)}{2} - \frac{1}{4}(1-2x)\right] - \frac{3x-2}{9} > 5 - 2x - \frac{2}{3}$	$x < \frac{22}{69}$
	$\frac{x+2}{2} - \frac{1}{4} + \frac{3x-2}{6} + \frac{1}{4}(1-2x) - 4x + \frac{1}{6} < \frac{2-4x}{3} + 2 - 3x$	$x < \frac{11}{5}$
101	$\frac{2x - \frac{1}{2}}{3} + \frac{2x - 3}{\frac{1}{2}} - \frac{37}{6} \le 0$	$x \le \frac{37}{14}$
102	$\frac{x - \frac{5}{7}}{\frac{5}{7}} + \frac{x - 2}{2} \ge \frac{5}{7}$	$x \ge \frac{10}{7}$
	$\frac{\frac{2}{3} + \frac{1}{2} - x}{\frac{2}{3}} + \frac{\frac{2}{3} - x}{\frac{1}{2}} \ge \frac{\frac{1}{2} - x}{\frac{2}{3}} + \frac{\frac{2}{3} - \frac{1}{2}}{\frac{1}{2}}$	<i>x</i> ≤ 1

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104	$\frac{x - \frac{4}{3}}{\frac{8}{3}} + \frac{x + \frac{1}{4}}{-\frac{1}{2}} \le \left(x - \frac{4}{3}\right)\left(x + \frac{1}{2}\right) + \frac{5}{6}x - x^2$	$x \ge -\frac{8}{39}$
	$\frac{x+4}{8} - \frac{x-\frac{2}{3}}{\frac{2}{3}-1} \le \frac{-\frac{1}{3}+4x}{8}$	$x \le \frac{5}{9}$
106	$\frac{5x-1}{1+\frac{1}{2}} < \frac{2x-1}{3}$	$x < \frac{1}{8}$
107	$\frac{\frac{x}{2} + \frac{x}{3}}{\frac{1}{2}} - \frac{\frac{x}{2} - \frac{x}{3}}{\frac{1}{5}} + x < 2x - \frac{1}{7}(x+3) + \frac{9}{7} - \frac{x}{6}$	x < 6
108	$\frac{4x}{9} - \frac{\left(1 + \frac{1}{4}\right)2x}{\frac{3}{2}} + \left(x - \frac{1}{3}\right)^2 \le \frac{25}{9} - \frac{4}{9}x\left(1 - \frac{9}{4}x\right)$	$x \ge -\frac{24}{13}$
109	$\frac{\frac{x}{2} - 1}{\frac{1}{2} + 2} + \frac{\frac{x}{2} + 1}{\frac{1}{2} + 2} \le x - \frac{1}{15}$	$x \ge \frac{1}{9}$
110	$9x + 20 \ge \left[\frac{29}{4} - 6(x - 1) + 9x - \frac{9}{4}\right]$	$x \ge -\frac{3}{2}$
111	$\frac{3}{2} - \frac{x - 0.5}{2} + \frac{(2x - 1)^2}{3} \le \frac{4}{3} \left(x^2 - \frac{1}{4}\right) + \frac{3}{2}$	$x \ge \frac{1}{2}$
112	$(7x-2)^2 - 7\left(x - \frac{2}{7}\right)(7x+1) + \frac{x}{2} > 3(7x-2) + \frac{1}{7}$	$x < \frac{2}{7}$
113	$\left(\frac{x}{5} + 1\right)(1 - 5x) + (x + 5)^2 - \frac{3}{5}x < 3$	<i>x</i> < -5
114	$\frac{1}{4} \left(2x - \frac{1}{4}\right)^2 - x\left(x - \frac{1}{8}\right) + 3x < \frac{3x}{2} + \frac{3}{16}$	$x < \frac{1}{8}$
115	$\left(x + \frac{4}{3}\right)^2 - x\left(x + \frac{4}{3}\right) + 2x \ge 3\left(x + \frac{4}{3}\right) - \frac{8}{3}$	$x \ge -\frac{4}{3}$
116	$\left(x - \frac{4}{3}\right)^2 - x\left(x + \frac{5}{3}\right) + \frac{x}{2} \le 3\left(x - \frac{4}{3}\right) + \frac{x - 8}{2}$	$x \ge \frac{4}{3}$
117	$\left(-x - \frac{1}{3}\right)^2 + (3x + 1)^2 - \frac{x}{2} + \frac{1}{6} \ge 10x(x - 1) - \frac{37}{9}$	$x \ge -\frac{1}{3}$
118	$2x + \left(x - \frac{1}{4}\right)^2 < \left(x + \frac{1}{4}\right)^2 + \frac{x}{2} - \frac{x - 1}{2}$	$x < \frac{1}{2}$

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119	$\left(\frac{2x}{3} - \frac{1}{4}\right)\left(\frac{3}{2}x - 2\right) + \frac{3}{48} \ge \left(x - \frac{1}{2}\right)^2 - \frac{1}{24}$	$x \le \frac{1}{2}$
120	$\left(\frac{x}{2}+1\right)^2 - \left(\frac{x}{2}+1\right) + \frac{2x}{5} - 5 \ge -\frac{34}{5} + \frac{x^2}{4}$	$x \ge -2$
121	$\left(x - \frac{5}{3}\right)^2 + 2x\left(x - \frac{5}{3}\right) \ge 3\left(x - \frac{5}{3}\right)\left(x + \frac{5}{3}\right)$	$x \le \frac{5}{3}$