Intermediate Algebra Skill
Solving Linear Inequalities: Decimal Coefficients

Solve the linear inequalities:

1) $x+1+2.5>7.59$

2) $-3.6x+3.22+4.2x<0.52$

3) $1+3.8k-5k<5.92$

4) $-4.8a-5.965a\leq-9.6885$

5) $0.3(x+1.8)<0.99$

6) $4.2(5.1p-5.2)\geq59.556$

7) $-3.9(n-1.6)\geq26.3172$

8) $-3.9+1.6(1-5m)<-11.9$

9) $4.7(1.2x-4.1)-5.7(4.8x+2)>43.178$

10) $-1.5(0.6r-3.7)-0.099(4.2+4.3r)\geq11.09985$

11) $1.5(4.1+1.2b)-2.7(b+3.7)\geq-0.06$

12) $5.9(2.1n-3.7)-0.4(1-1.8n)>6.8742$

Answers to Solving Linear Inequalities: Decimal Coefficients

1) $x > 4.09$

2) $x < -4.5$

3) $k > -4.1$

4) $a \geq 0.9$

5) $x < 1.5$

6) $p \geq 3.8$

7) $n \leq -5.148$

8) $m > 1.2$

9) $x < -3.4$

10) $r \leq -4.5$

11) $b \leq -4.2$

12) $n > 2.22$