1. $\left|\dfrac{x^2-10x+9}{x^2-9}\right| \geq 1$
2. $\dfrac{x^2-8x+24}{|x^2-16|} \leq 1$
3. $\sqrt{x^2-15x-7} > 3$
4. $\sqrt{x^4-2x+6} \geq x^2$
5. $\sqrt{4x+3} \leq \sqrt{5x+1}$
6. $\sqrt{24x-5x^2} > \sqrt{2x^2-23x+66}$
7. $\sqrt{-x^2-5x-4} \geq x+4$
8. $4\sqrt{x^2+x-2} \geq 5x-2$
9. $(16-x^2)\sqrt{49-x^2} \geq 0$
10. $\dfrac{x+8}{x+1}\sqrt{\dfrac{x-3}{x-8}} \leq 0$
11. $\dfrac{(x^2-4)\sqrt{7x-x^2}}{2x^2-19x+35} \leq 0$
12. $15\sqrt{x}-7x \geq 2$