Irrational Functions

What is the domain of the functions?

1) $y = \sqrt{x-4}+6$

Domain: _____

2) $y = \frac{x-2}{\sqrt{x}-1}$

Domain: _____

3) $y = \frac{3x}{\sqrt{x-2}}$

Domain: _____

4) $y = \frac{x-4}{2\sqrt{x+6}}$

Domain: _____

5) $y = \frac{x+2}{\sqrt{x^2-2}}$

Domain: _____

6) $y = \frac{2x-8}{\sqrt{x}+4}$

Domain: _____

7) $y = \frac{\sqrt{x}-1}{\sqrt{x^2+1}}$

Domain: _____

8) $y = \frac{x^2-\sqrt{x}}{\sqrt{x}-1}$

Domain: _____

9) $y = \frac{x-1}{\sqrt{x^2+2}-1}$

Domain: _____

10) $y = \frac{\sqrt{x-2}}{\sqrt{2x^2+4}}$

Domain: _____

11) $y = \frac{1}{2}\sqrt{x-1}$

Domain: _____

12) $y = \frac{2\sqrt{x}-1}{\sqrt{x^2-2}}$

Domain: _____

13) $y = -\frac{4}{5}\sqrt{3x+4}$

Domain: _____

14) $y = -\frac{3}{4}\sqrt{x-1}+5$

Domain: _____