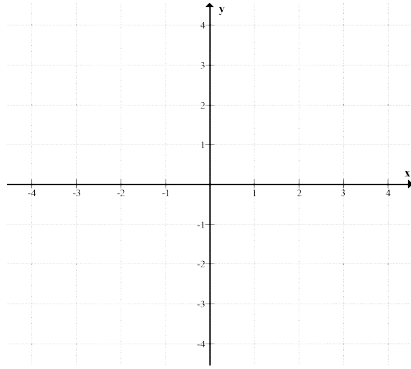


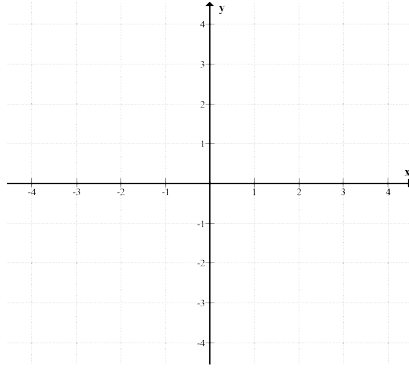
C12 - 2.1 - Radical Translations HW

Draw the following graphs and state the Domain and Range and state the x and y intercepts

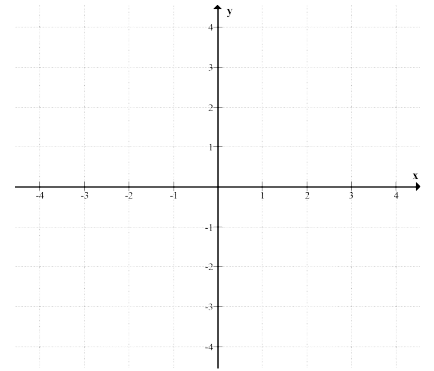
$$y = \sqrt{x}$$



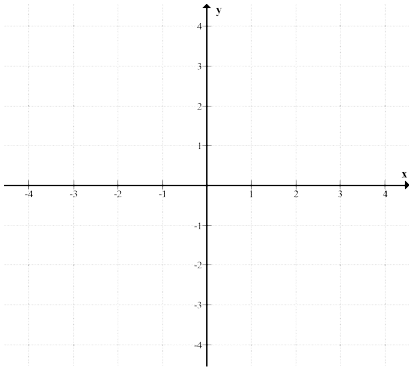
$$y = \sqrt{x} - 3$$



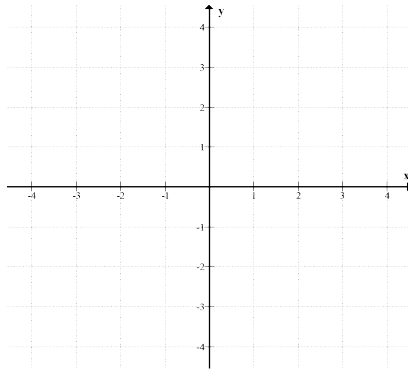
$$y = \sqrt{x} + 1$$



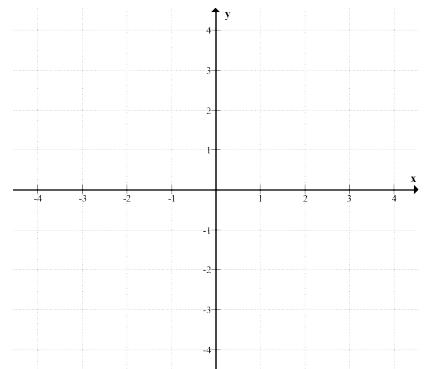
$$y = \sqrt{x + 3}$$



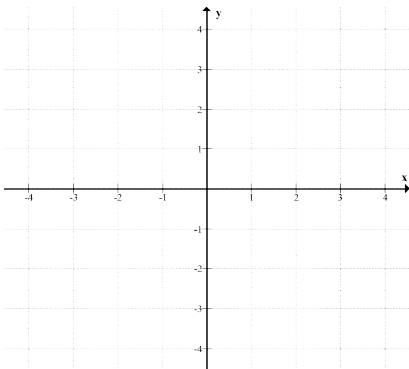
$$y = \sqrt{x - 1}$$



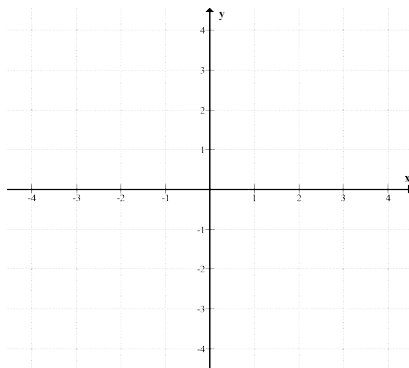
$$y = \sqrt{x + 5}$$



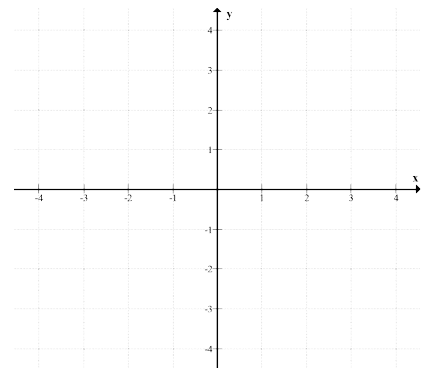
$$y = \sqrt{x + 1} + 3$$



$$y = \sqrt{x - 1} + 1$$



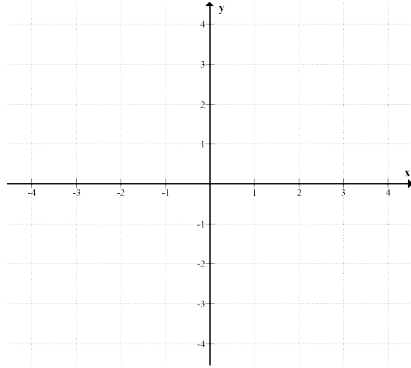
$$y = \sqrt{x + 5} - 2$$



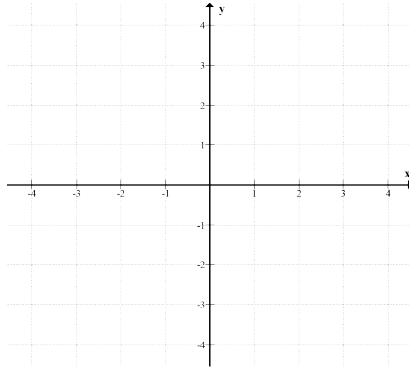
C12 - 2.2 - Radical Transformations HW

Draw the following graphs and state the Domain and Range and state the x and y intercepts

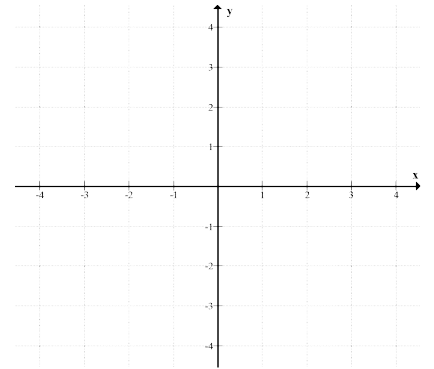
$$y = 2\sqrt{x}$$



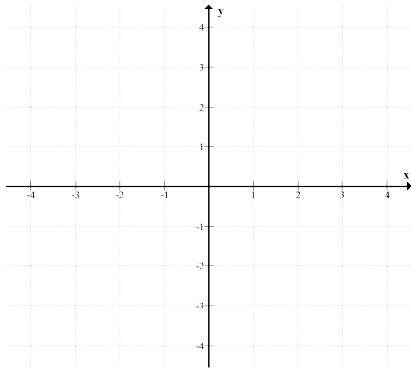
$$y = \frac{1}{2}\sqrt{x}$$



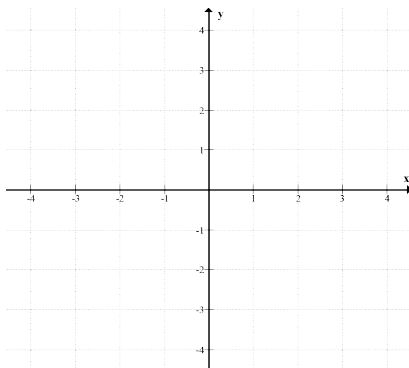
$$y = 3\sqrt{x}$$



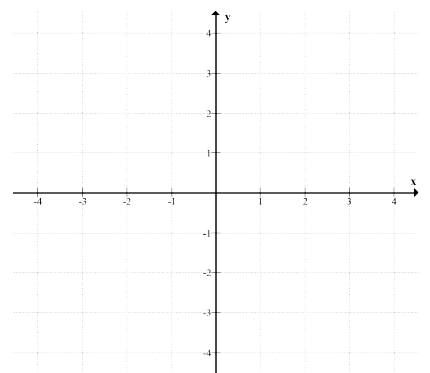
$$y = \sqrt{2x}$$



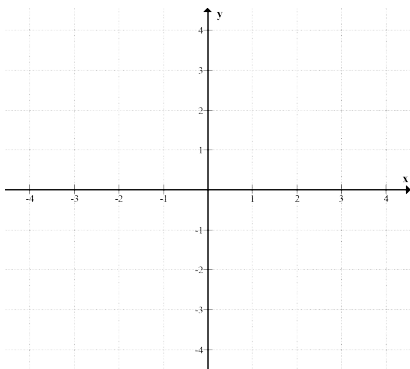
$$y = \sqrt{\frac{1}{2}x}$$



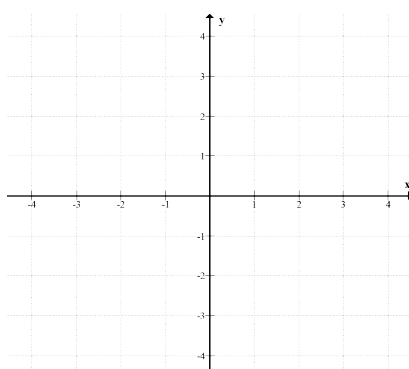
$$y = \sqrt{3x}$$



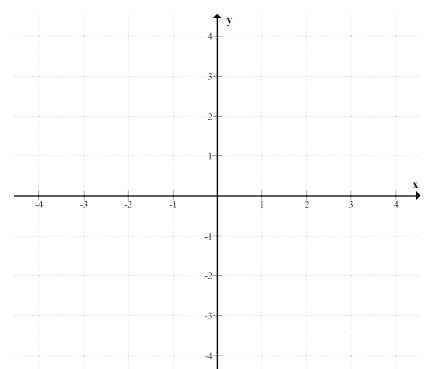
$$y = 2\sqrt{\frac{1}{2}x}$$



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



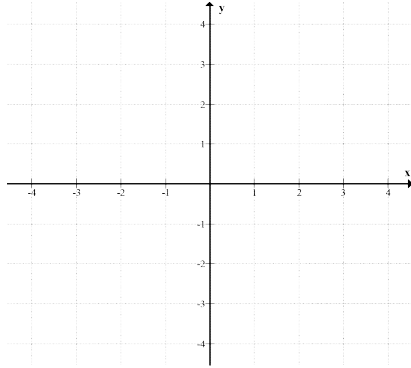
$$y = 2\sqrt{2x}$$



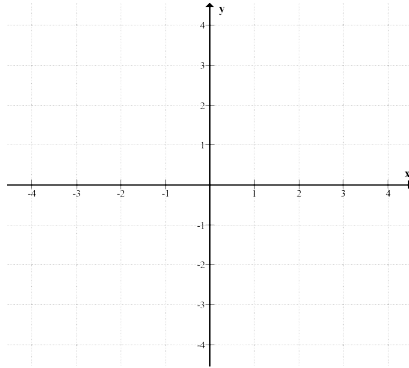
C12 - 2.3 - Radical Reflections HW

Draw the following graphs and state the Domain and Range and state the x and y intercepts

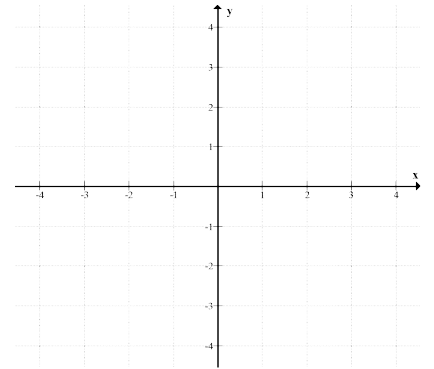
$$y = -\sqrt{x}$$



$$y = \sqrt{-x}$$

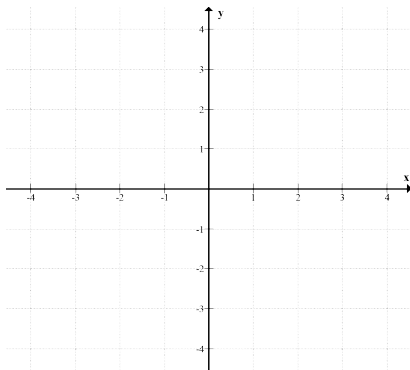


$$y = -\sqrt{-x}$$

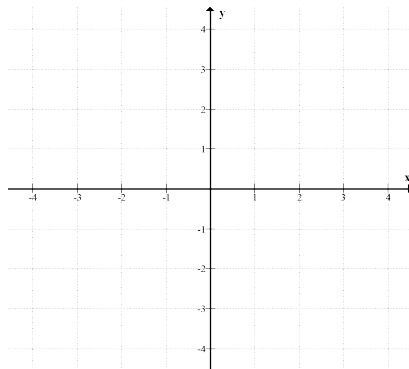


Draw the following graphs and state the Domain and Range and state the x and y intercepts

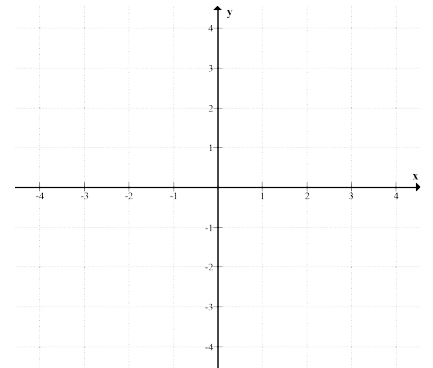
$$y = -\sqrt{x} + 1$$



$$y = \sqrt{-(x+2)}$$



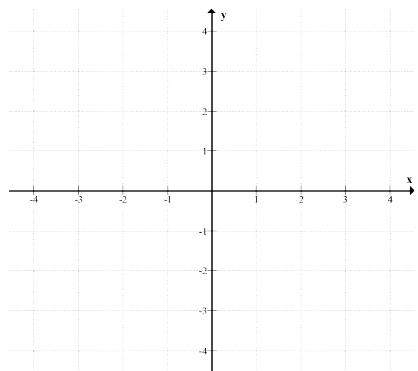
$$y = \sqrt{-x+2}$$



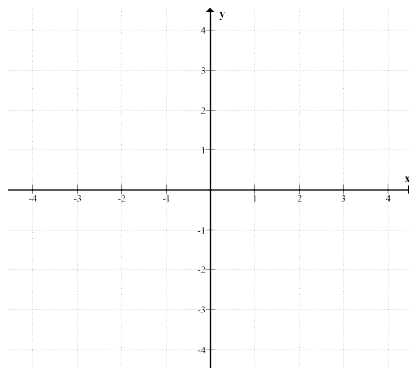
C12 - 2.123 - Radical Combo Transformations HW

Draw the following graphs and state the Domain and Range and state the x and y intercepts

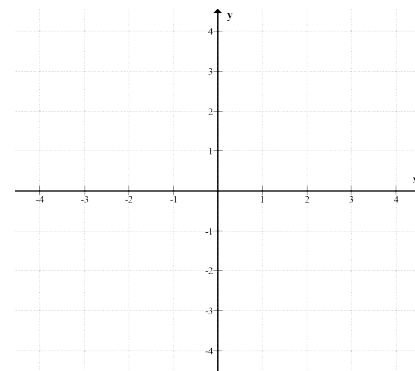
$$y = 2\sqrt{x} + 1$$



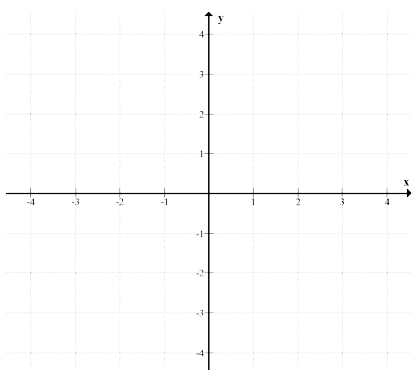
$$y = \frac{1}{2}\sqrt{x} - 2$$



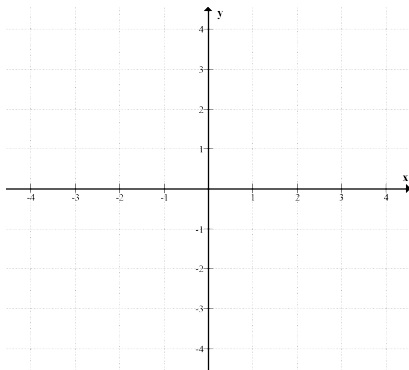
$$y = \sqrt{\frac{1}{2}x} + 1$$



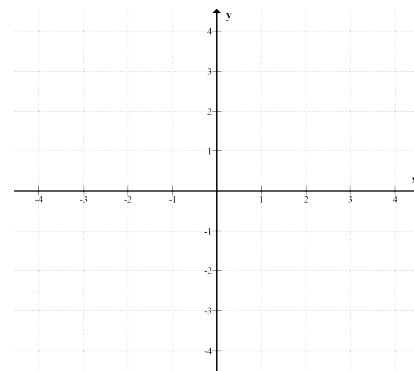
$$y = \sqrt{2x} - 1$$



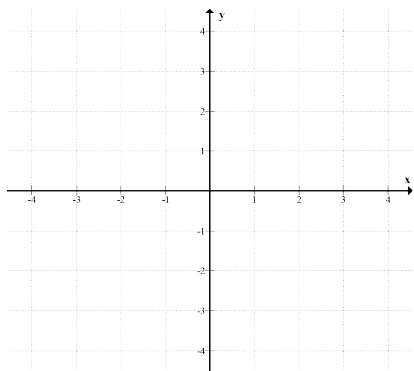
$$y = 2\sqrt{x+1}$$



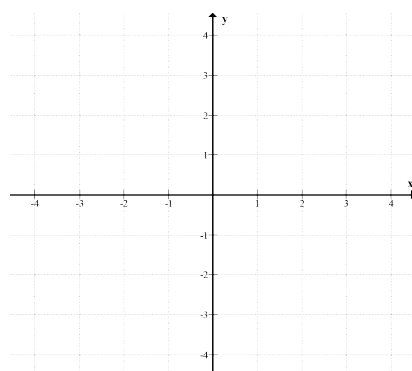
$$y = 2\sqrt{x-1}$$



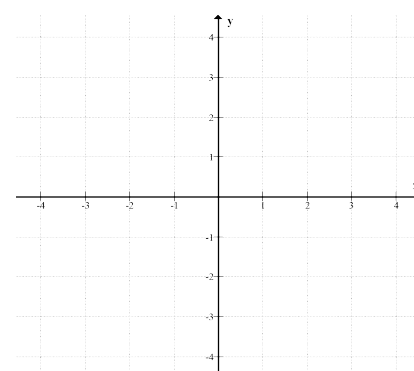
$$y = 2\sqrt{-x}$$



$$y = -\sqrt{2x}$$



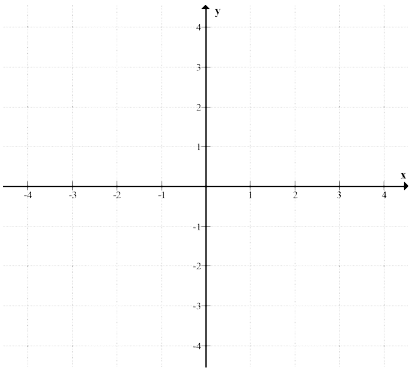
$$y = -\sqrt{x+1} - 2$$



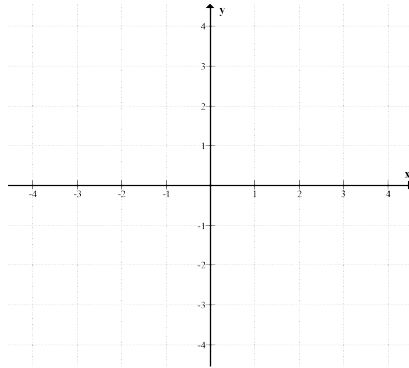
C12 - 2.123 - Radical Combo Transformations HW

Draw the following graphs and state the Domain and Range and state the x and y intercepts

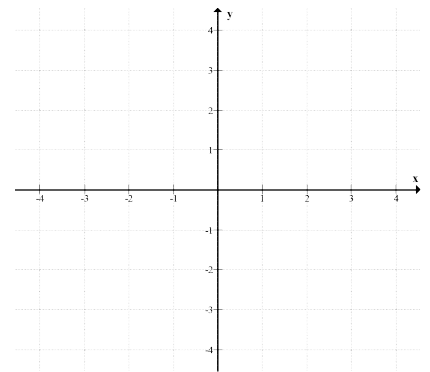
$$y = -2\sqrt{x} + 1$$



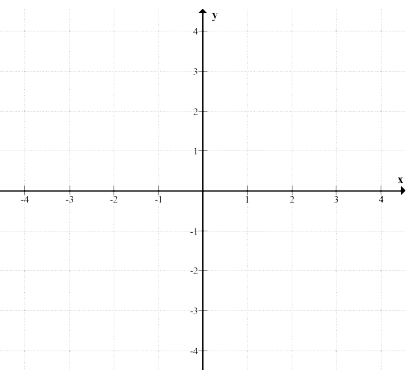
$$y = \frac{1}{2}\sqrt{-x} - 2$$



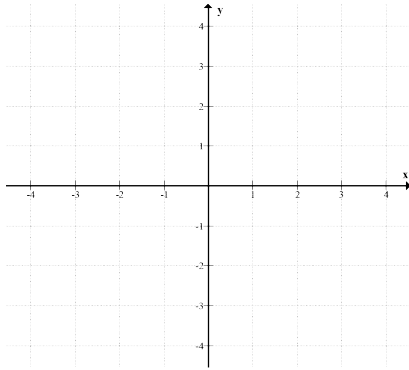
$$y = \sqrt{\frac{1}{2}(x-1)} + 1$$



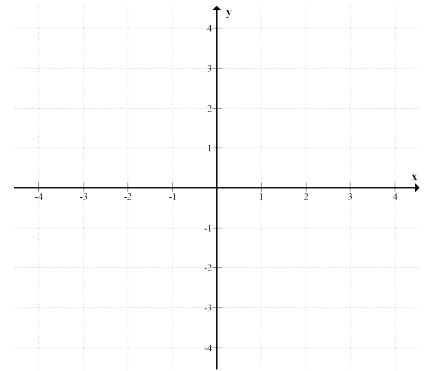
$$y = \sqrt{-2x} - 1$$



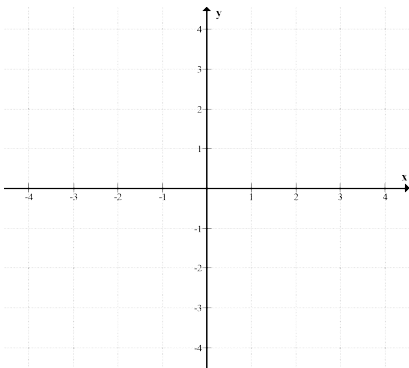
$$y = \sqrt{2(x+1)}$$



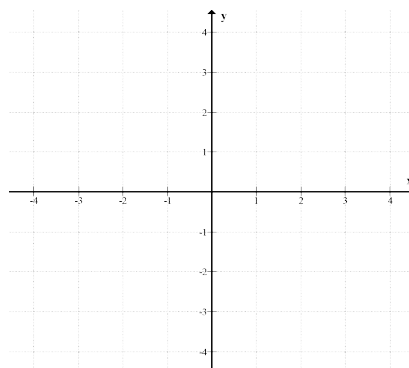
$$y = \sqrt{2x+2}$$



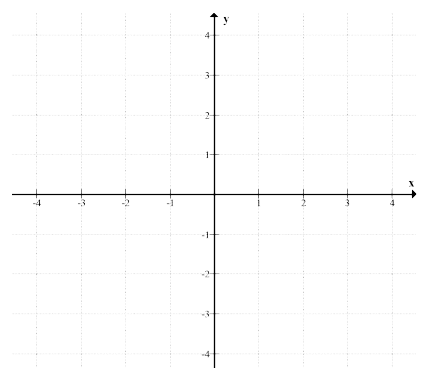
$$y = \sqrt{1-x}$$



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



$$y = -\frac{1}{2}\sqrt{2(x-1)} + 3$$



C12 - 2.4 - Square Root Functions HW

Draw the graph of $\sqrt{f(x)}$ from the graph of $f(x)$ and label the invariant points and state the domain and range.

