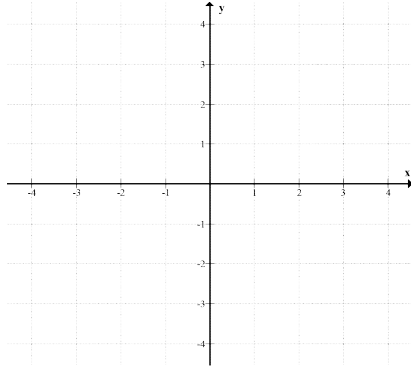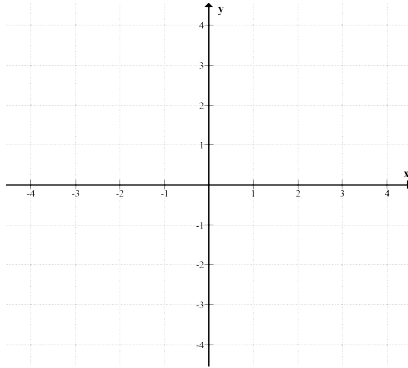# C12 - 2.3 - Radical Reflections HW

Draw the following graphs and state the Domain and Range and state the x and y intercepts
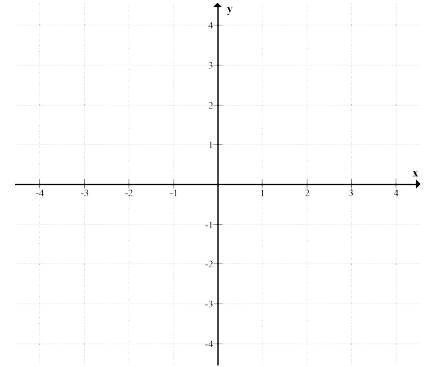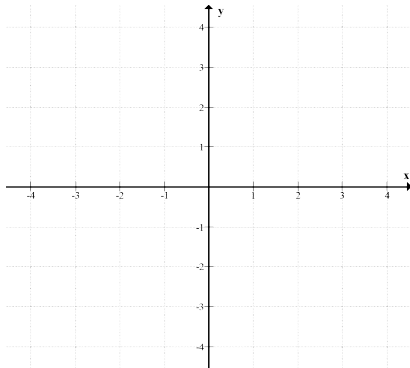
$$y = -\sqrt{x}$$

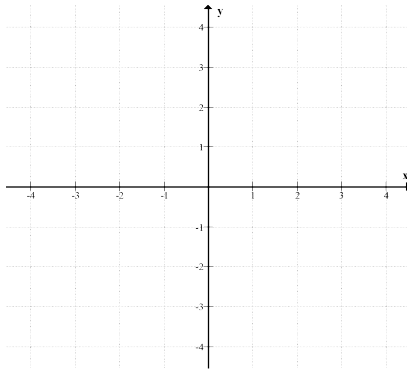$$y = \sqrt{-x}$$

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

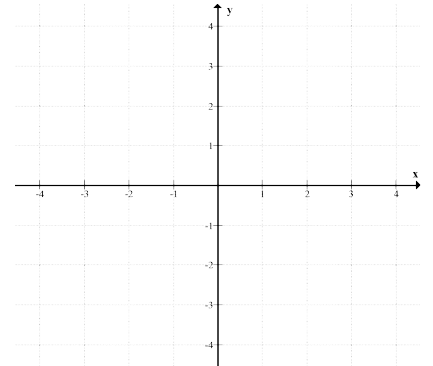Draw the following graphs and state the Domain and Range and state the x and y intercepts
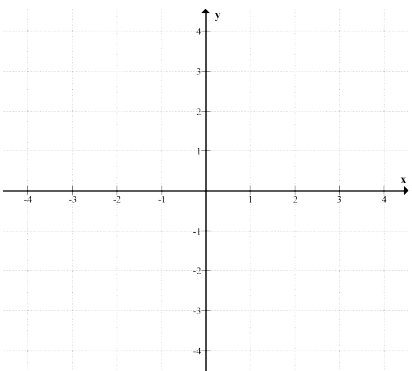
$$y = -\sqrt{x} + 1$$

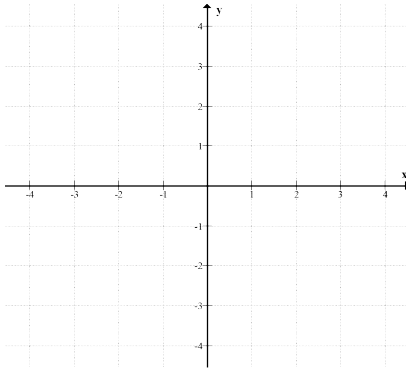$$y = \sqrt{-(x + 2)}$$

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

C12 - 2.123 - Radical Combo Transformations HW

Draw the following graphs and state the Domain and Range and state the x and y intercepts
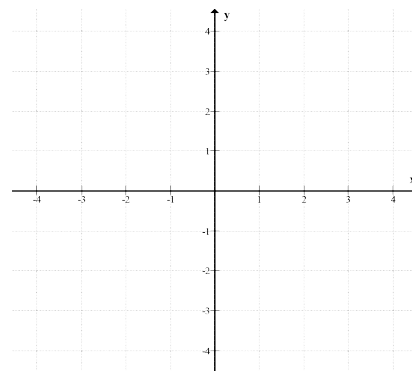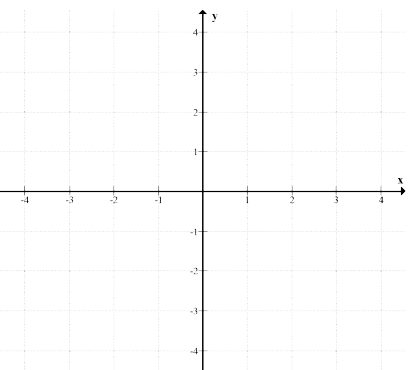
$$y = 2\sqrt{x} + 1$$
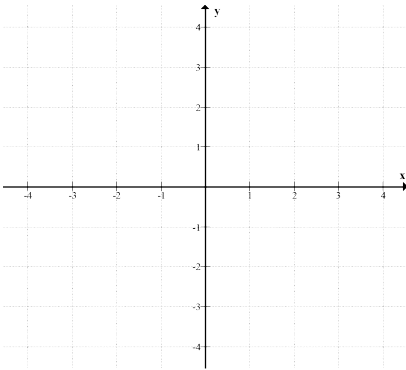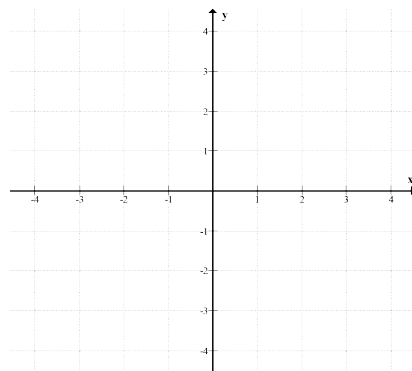
$$y = \frac{1}{2}\sqrt{x} - 2$$

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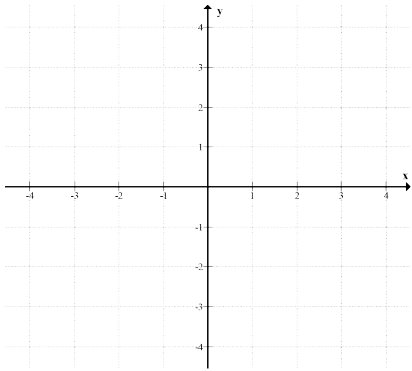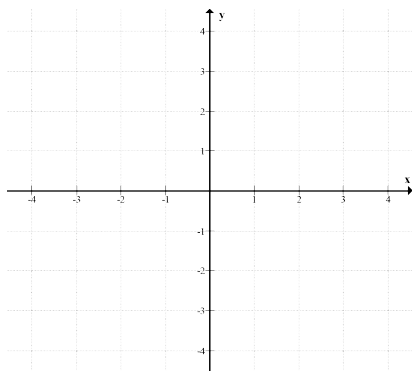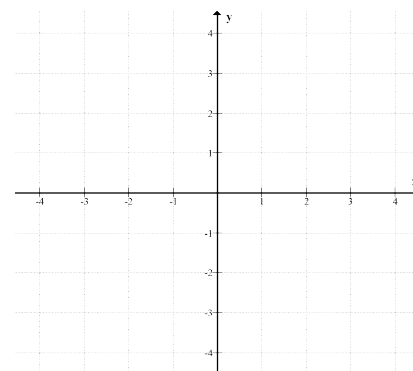
$$y = \sqrt{2x} - 1$$

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

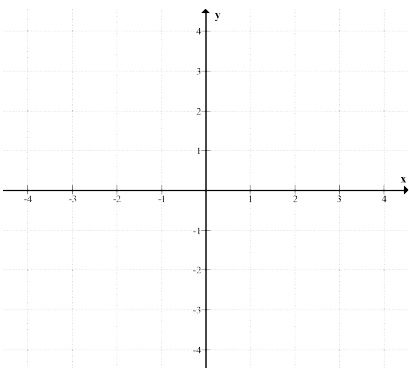$$y = 2\sqrt{x-1}$$

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

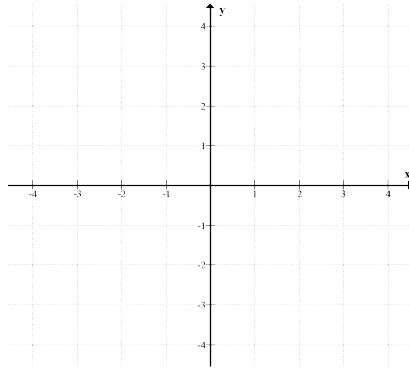$$y = -\sqrt{2x}$$

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

C12 - 2.123 - Radical Combo Transformations HW

Draw the following graphs and state the Domain and Range and state the x and y intercepts
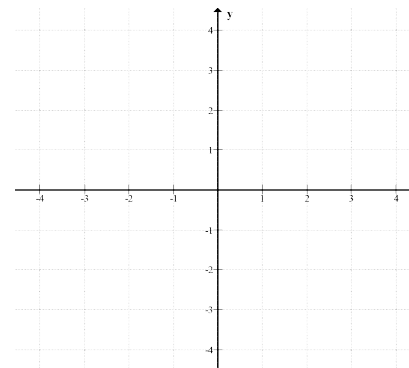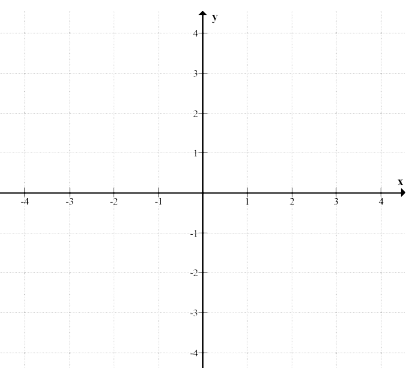
$$y = -2\sqrt{x} + 1$$

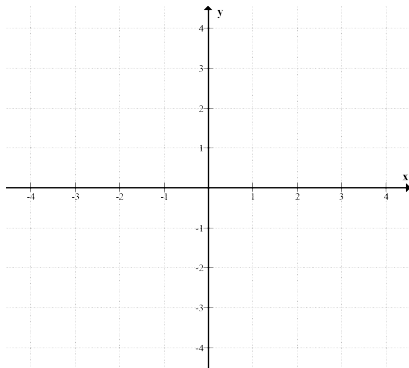$$y = \frac{1}{2}\sqrt{-x} - 2$$

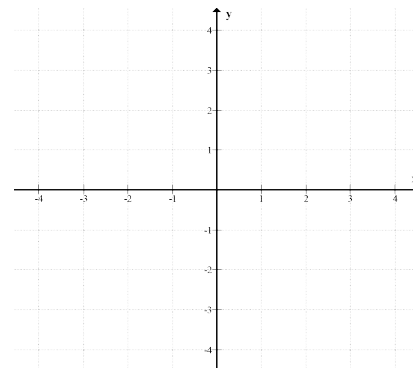$$y = \sqrt{\frac{1}{2}(x-1)} + 1$$
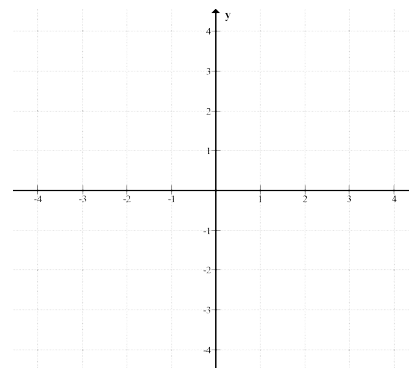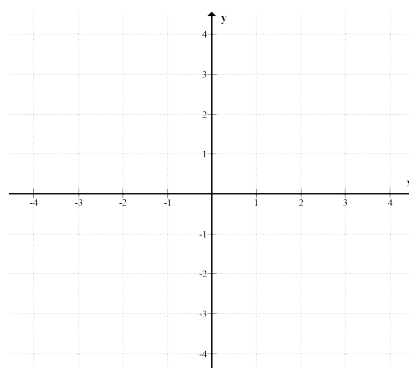
$$y = \sqrt{-2x} - 1$$

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

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

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

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

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