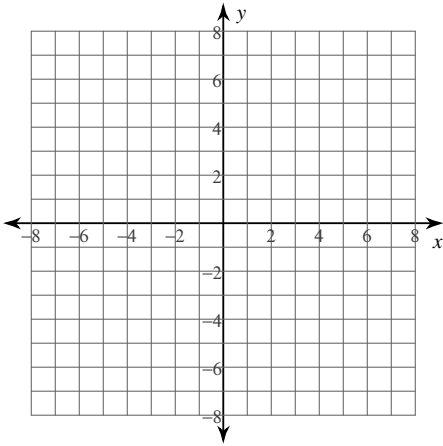
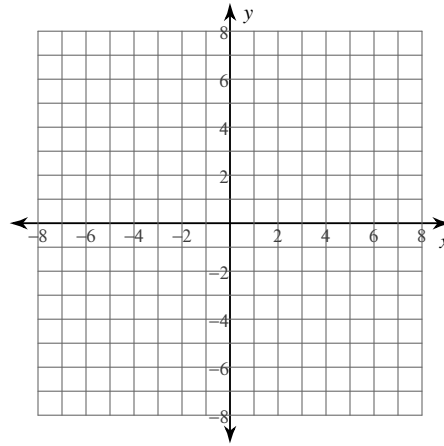


Identify the domain and range of each. Then sketch the graph.

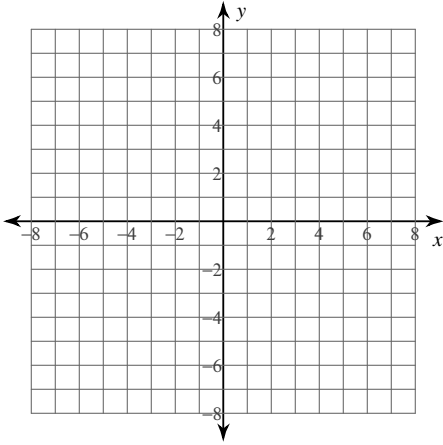
1)  $y = \sqrt{x+5}$



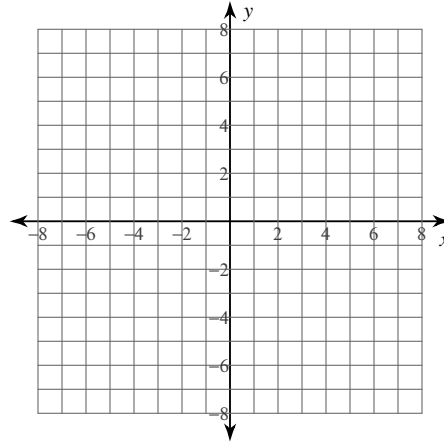
2)  $y = \sqrt{x} - 3$



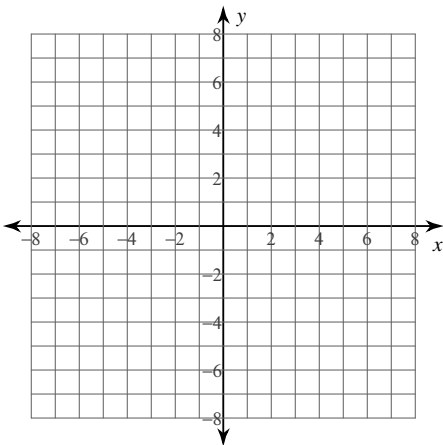
3)  $y = \sqrt{x}$



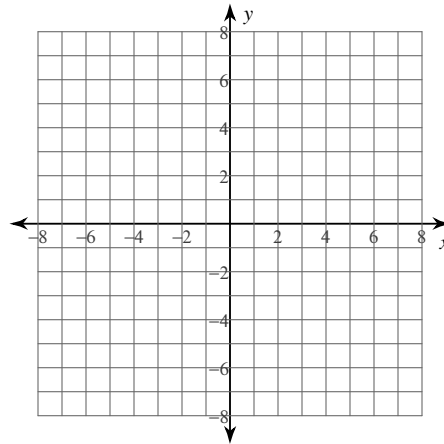
4)  $y = \sqrt{x+6} - 4$



5)  $y = \sqrt{4x+16}$

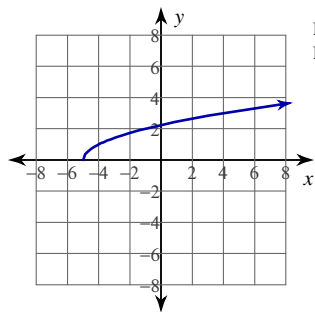


6)  $y = \sqrt{\frac{x+6}{4}} - 3$



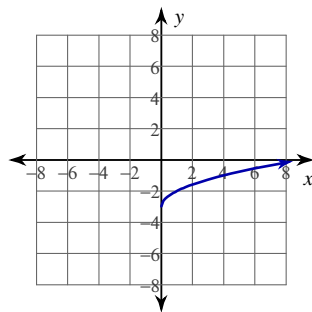
# Answers to 12-05-01-T10

1)



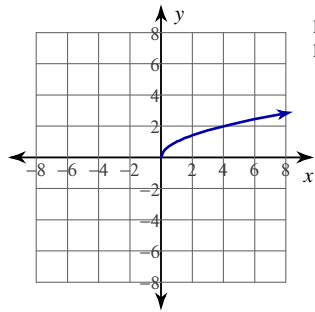
Domain:  $x \geq -5$   
Range:  $y \geq 0$

2)



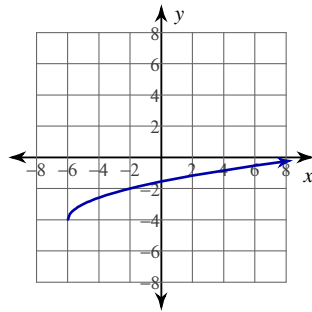
Domain:  $x \geq 0$   
Range:  $y \geq -3$

3)



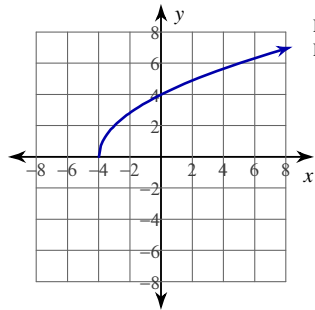
Domain:  $x \geq 0$   
Range:  $y \geq 0$

4)



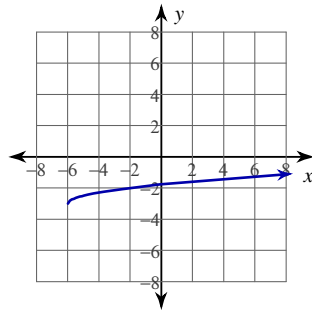
Domain:  $x \geq -6$   
Range:  $y \geq -4$

5)



Domain:  $x \geq -4$   
Range:  $y \geq 0$

6)



Domain:  $x \geq -6$   
Range:  $y \geq -3$