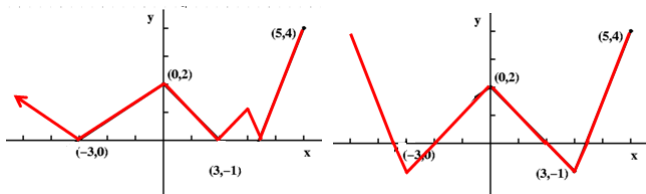
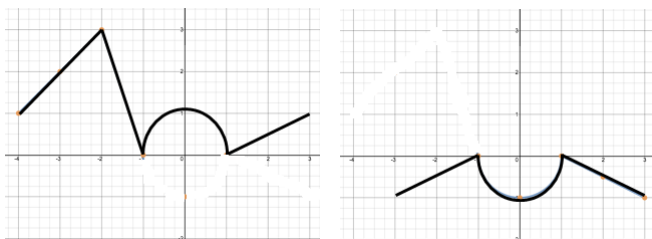


Pre-Calc AB Worksheet #54 : Answers

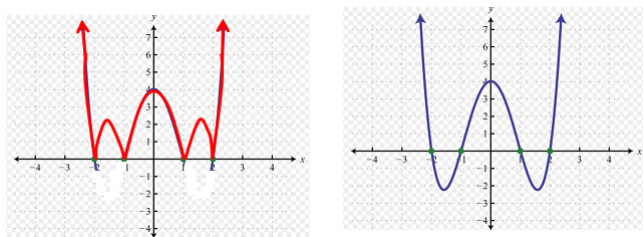
1. $[0, \infty)$
2. $[0, 9)$
3. (a)



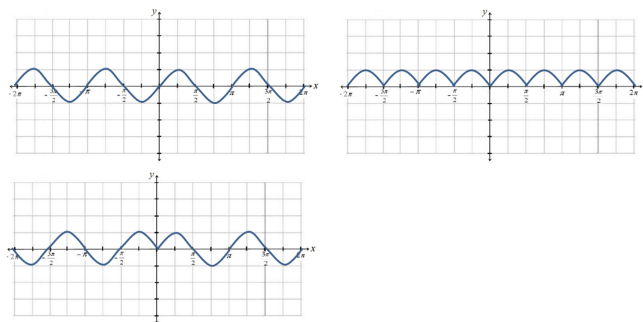
(b)



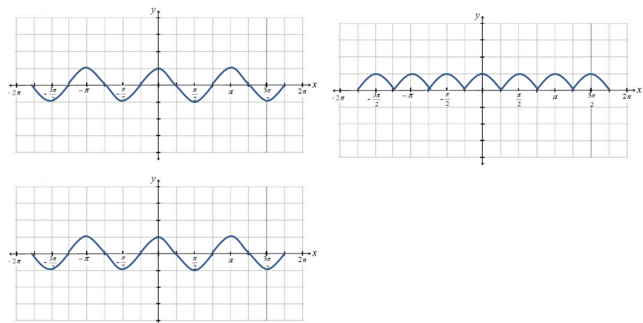
(c)



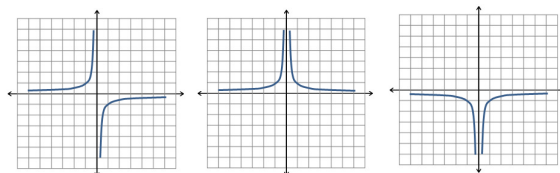
4. (a)



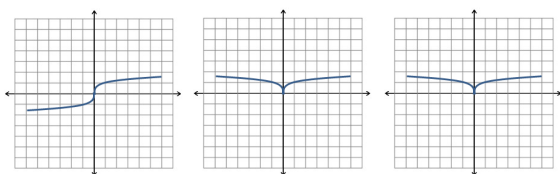
(b)



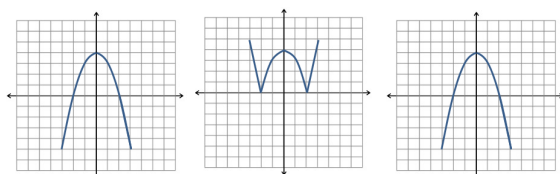
(c)



(d)

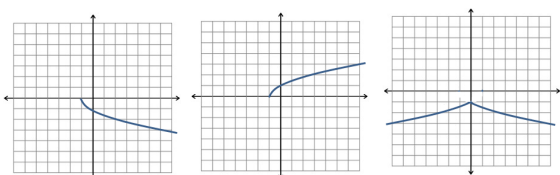


5. (a)



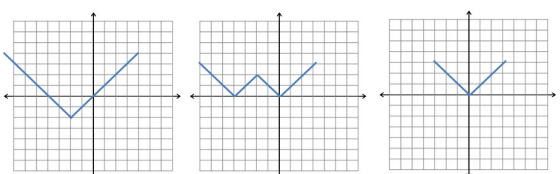
- | | | |
|---------------------|---------------------|---------------------|
| $(-\infty, \infty)$ | $(-\infty, \infty)$ | $(-\infty, \infty)$ |
| $(-\infty, 4]$ | $[0, \infty)$ | $(-\infty, 4]$ |

(b)



- | | | |
|----------------|----------------|---------------------|
| $[-1, \infty)$ | $[-1, \infty)$ | $(-\infty, \infty)$ |
| $(-\infty, 0]$ | $[0, \infty)$ | $(-\infty, -1]$ |

(c)



- | | | |
|---------------------|---------------------|---------------------|
| $(-\infty, \infty)$ | $(-\infty, \infty)$ | $(-\infty, \infty)$ |
| $[-2, \infty)$ | $[0, \infty)$ | $[0, \infty)$ |