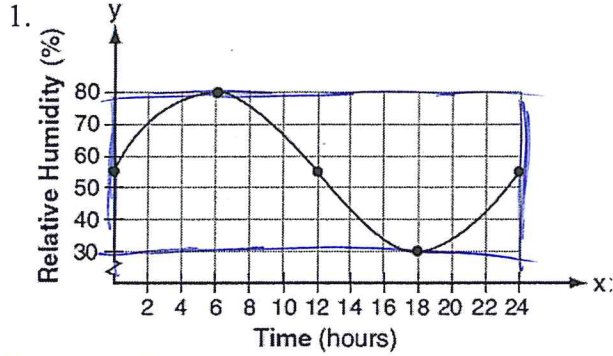
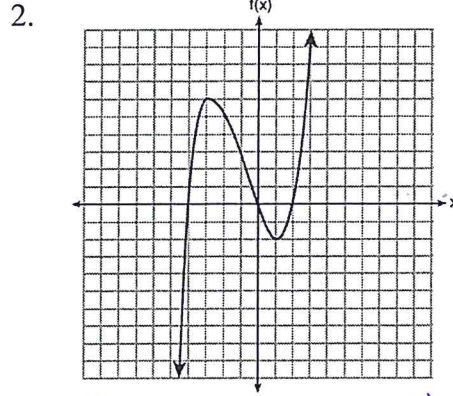


Domain and Range

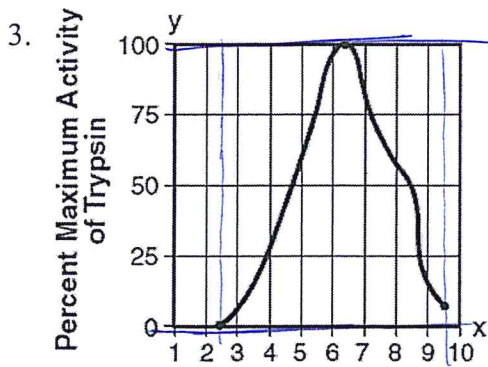
State the domain and range of the following functions in interval and set builder notation



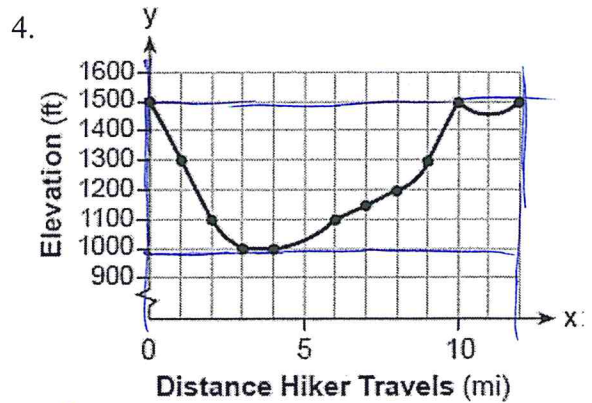
Domain: $[0, 24]$ $0 \leq x \leq 24$
Range: $[30, 80]$ $30 \leq y \leq 80$



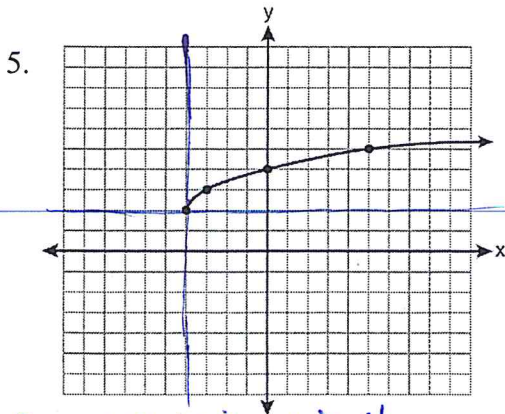
Domain: $(-\infty, \infty)$ All real #s
Range: $(-\infty, \infty)$ All real #s



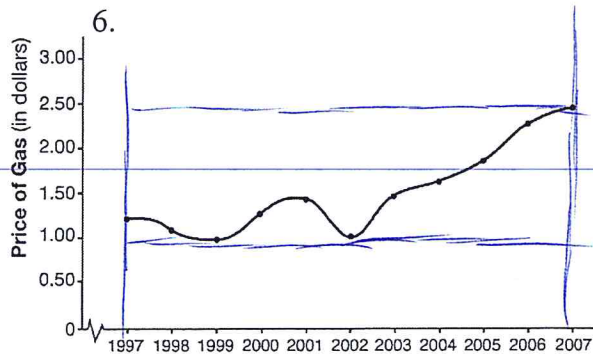
Domain: $[2.5, 9.5]$ $2.5 \leq x \leq 9.5$
Range: $[0, 100]$ $0 \leq y \leq 100$



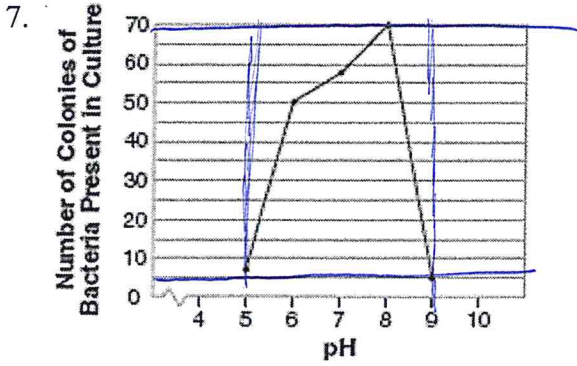
Domain: $[0, 12]$ $0 \leq x \leq 12$
Range: $[1000, 1500]$ $1000 \leq y \leq 1500$



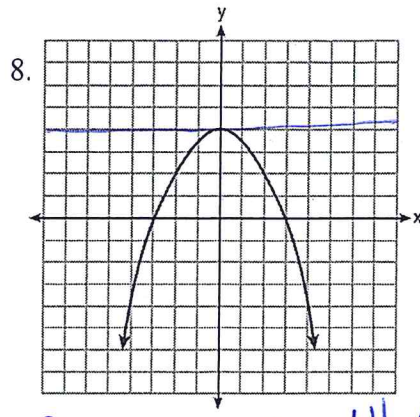
Domain: $[-4, \infty)$ $x \geq -4$
Range: $[2, \infty)$ $y \geq 2$



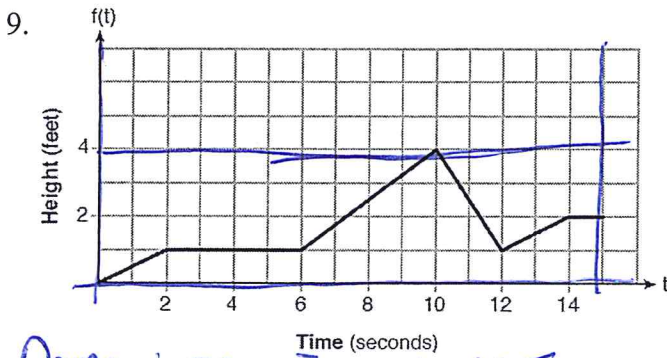
Domain $[1997, 2007]$ $1997 \leq x \leq 2007$
Range $[1.00, 2.50]$ $1.00 \leq y \leq 2.50$



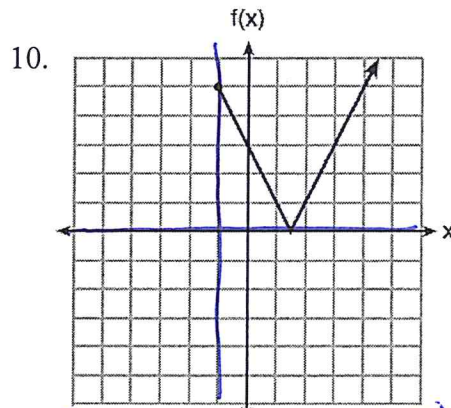
Domain: $[5, 9]$ $5 \leq x \leq 9$
 Range: $[5, 70]$ $5 \leq y \leq 70$



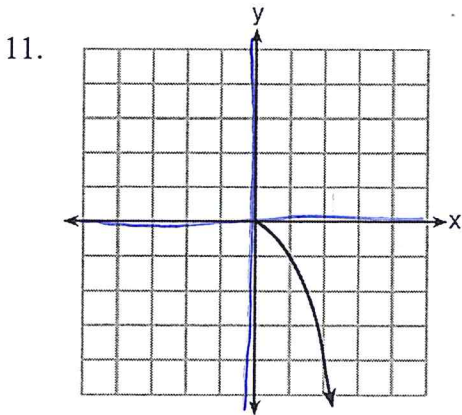
Domain: $(-\infty, \infty)$ All real #s
 Range: $(-\infty, 4]$ $y \leq 4$



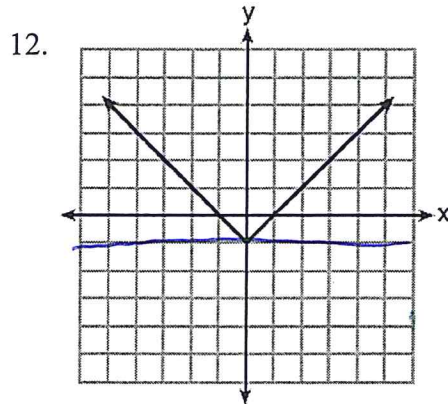
Domain: $[0, 15]$ $0 \leq x \leq 15$
 Range: $[0, 4]$ $0 \leq y \leq 4$



Domain: ~~$[-1, 2]$~~ $[-1, \infty)$ $x \geq -1$
 Range: $[0, \infty)$ $y \geq 0$



Domain: $[0, \infty)$ $x \geq 0$
 Range: $(-\infty, 0]$ $y \leq 0$



Domain: $(-\infty, \infty)$ All real #s
 Range: $[-1, \infty)$ $y \geq -1$