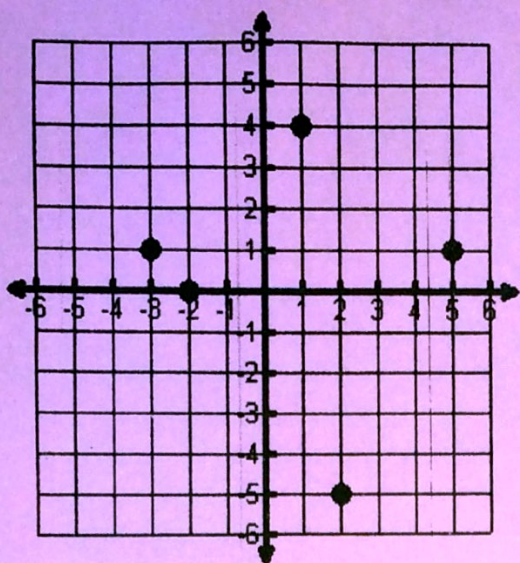


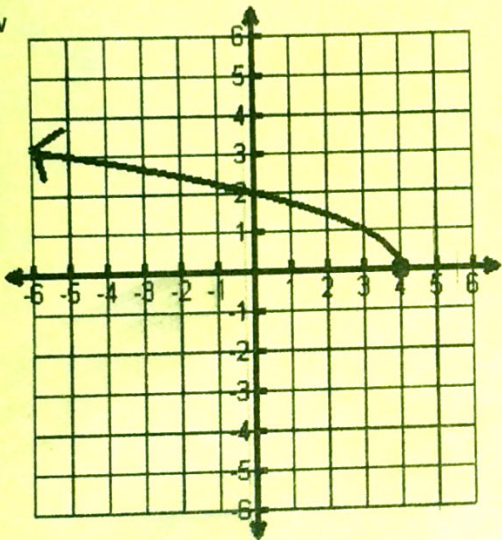
Answers

nk



Is the graph below a function? Yes
 Why? passes VLT
 Domain: $\{-3, -2, 1, 2, 5\}$ Range: $\{-5, 0, 1, 4\}$
 Increasing: None Decreasing: None
 Positive: $\{-3, 1, 5\}$ Negative: $\{2\}$
 x-intercept(s): $f(-2)=0$ y-intercept(s): None
 minimum: $f(2)=-5$ maximum: $f(1)=4$
 Continuity: (circle your answer) Continuous, Non-Continuous, or Discrete?

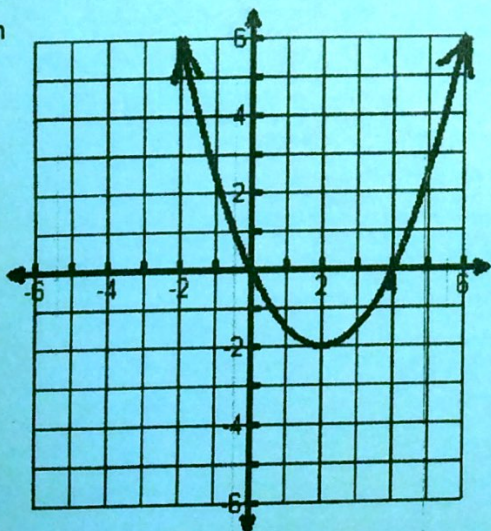
low



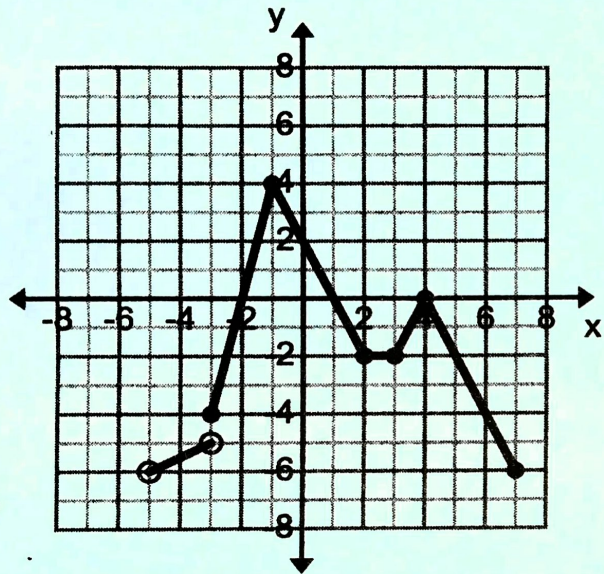
Is the graph below a function? Yes
 Why? passes VLT
 Domain: $(-\infty, 4]$ Range: $[0, \infty)$
 Increasing: N/A Decreasing: $(-\infty, 4)$
 Positive: $(-\infty, 4)$ Negative: N/A
 x-intercept(s): $f(4)=0$ y-intercept(s): $f(0)=2$
 minimum: $f(4)=0$ maximum: None
 Continuity: (circle your answer) Continuous, Non-Continuous, or Discrete?

Answers

reen



Is the graph below a function? Yes
 Why? Passes VLT
 Domain: $(-\infty, \infty)$ Range: $[-2, \infty)$
 Increasing: $(2, \infty)$ Decreasing: $(-\infty, 2)$
 Positive: $(-\infty, 0) (4, \infty)$ Negative: $(0, 4)$
 x-intercept(s): $f(0)=0$ $f(4)=0$ y-intercept(s): $f(0)=0$
 minimum: $f(2)=-2$ maximum: None
 Continuity: (circle your answer) Continuous, Non-Continuous, or Discrete?



Is the graph below a function? Yes

Why? PASSES VLT

Domain: $[-7, 7]$ Range: $[-6, 4]$

Increasing: $(-5, -2)$ $(3, -1)$ $(3, 4)$ Decreasing: $(-1, 2)$ $(4, 7)$

Positive: $(-2, 1)$ Negative: $(-7, -2)$ $(1, 4)$ $(4, 7]$

x-intercept(s): $f(-2)=0$ $f(4)=0$ y-intercept(s): $f(0)=2$

minimum: $f(-7)=-6$ maximum: $f(-1)=4$

Continuity: (circle your answer) Continuous, Non-Continuous, or Discrete?