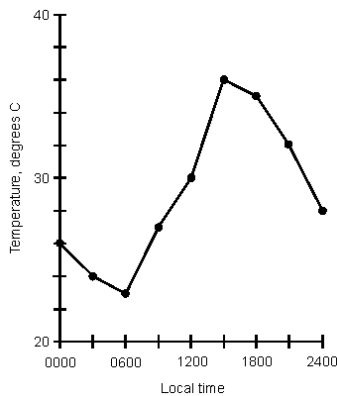
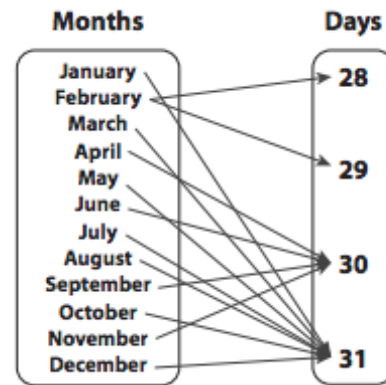


Is it a function? Explain why or why not.



Is it a function? Explain why or why not.



Is it a function? Explain why or why not.

x	y
-2	4
3	1
3	2
5	7

Is it a function? Explain why or why not.

Input: Teacher

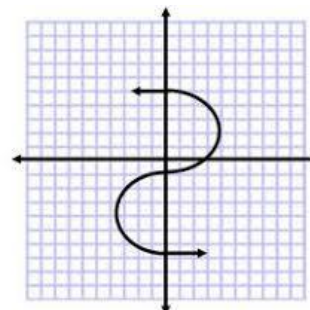
Output: Subject Taught

Is it a function? Explain why or why not.

Input: Author

Output: Book Written

Is it a function? Explain why or why not.



Is it a function? Explain why or why not.

x	y
4	10
5	12
6	14
7	16
8	-7

Write a rule in function notation. Then identify the independent & dependent variables.

Donovan, a local delivery driver, is paid \$3.50 per mile driven plus a daily amount of \$75.

Is it a function? Explain why or why not.

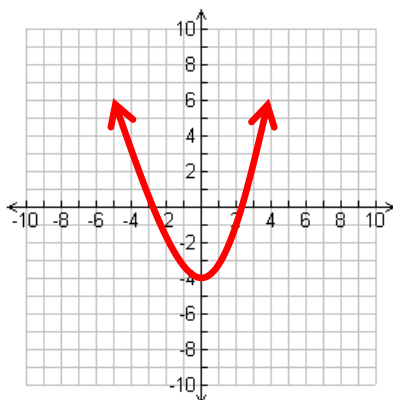
Input: Student

Output: First 5 digits of their student ID number

Write a rule in function notation. Then identify the independent & dependent variables.

Shyla has 50 donuts. She decides to give 3 donuts to each person in the class.

Is it a function? Explain why or why not.



Write a rule in function notation. Then identify the independent & dependent variables.

Patrick is running a marathon and is running at a pace of 7.5 miles per hour.

You put a yam in the oven. After 45 minutes, you take it out. Let $f(t)$ be the temperature of the yam t minutes after you placed it in the oven.

Explain the meaning of the statement in everyday language: " $f(0) = 65$ "

You put a yam in the oven. After 45 minutes, you take it out. Let $f(t)$ be the temperature of the yam t minutes after you placed it in the oven.

Explain the meaning of the statement in everyday language: " $f(35) = 130$ "

You put a yam in the oven. After 45 minutes, you take it out. Let $f(t)$ be the temperature of the yam t minutes after you placed it in the oven.

Explain the meaning of the statement in everyday language: " $f(5) < f(10)$ "

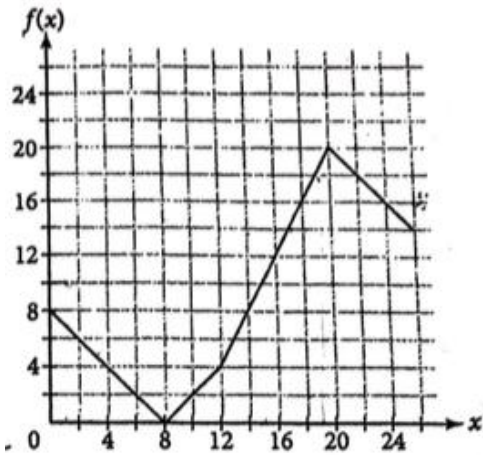
You put a yam in the oven. After 45 minutes, you take it out. Let $f(t)$ be the temperature of the yam t minutes after you placed it in the oven.

Explain the meaning of the statement in everyday language: " $f(45) > f(60)$ "

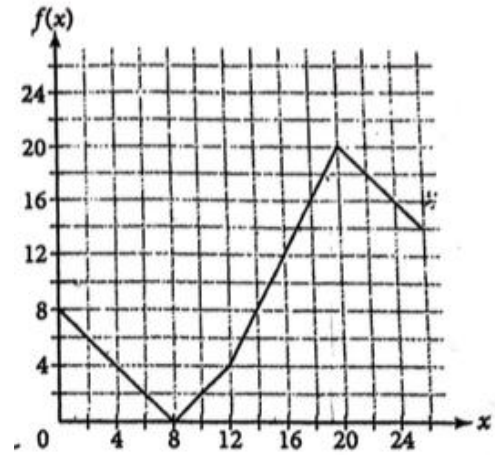
You put a yam in the oven. After 45 minutes, you take it out. Let $f(t)$ be the temperature of the yam t minutes after you placed it in the oven.

Explain the meaning of the statement in everyday language: " $f(40) = f(45)$ "

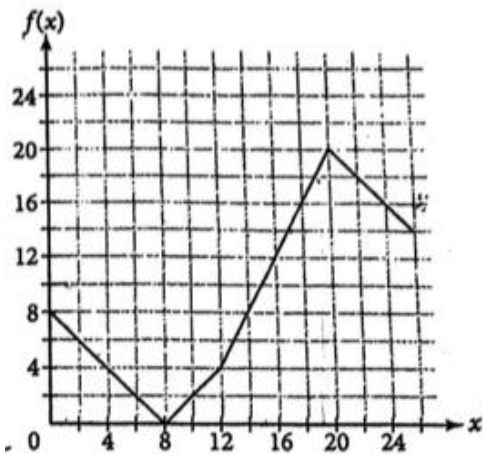
Use the graph to find $f(18)$.



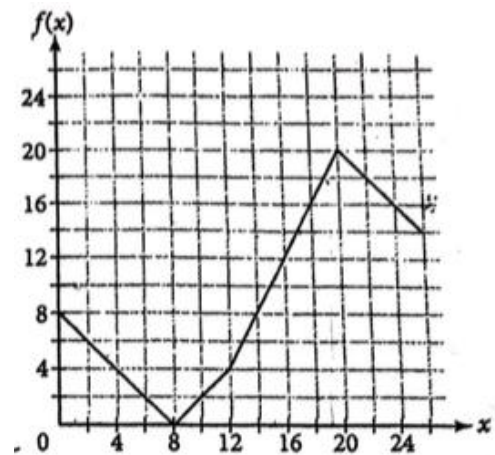
Use the graph to find $f(15) \div f(6)$.



Use the graph to find $f(3)$.



Use the graph to find $f(20) - f(10)$.



Use the graph to find $f(5) \cdot f(4)$.

