



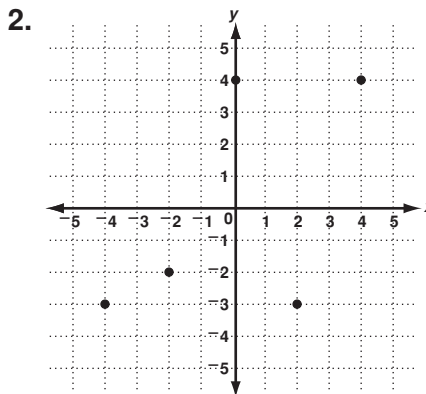
Practice B

Relations and Functions

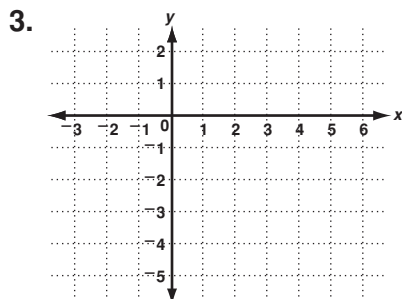
Give the domain and range for each relation. Then determine whether each relation is a function.

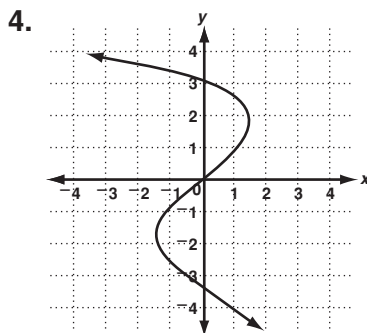
1. **Average High Temperatures**

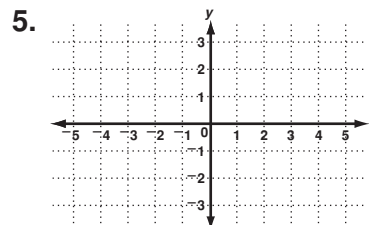
Month	Temperature
Jun	82°
Jul	88°
Aug	93°
Sep	82°



Use the vertical-line test to determine whether each relation is a function. If not, identify two points a vertical line would pass through.







Explain whether each relation is a function.

6. $\{(1, 1), (2, 2), (3, 3), (4, 4)\}$

7. from the model of car to the car's ID number

8. from the dates James took math tests to his test scores



Practice B

Relations and Functions

Give the domain and range for each relation. Then determine whether each relation is a function.

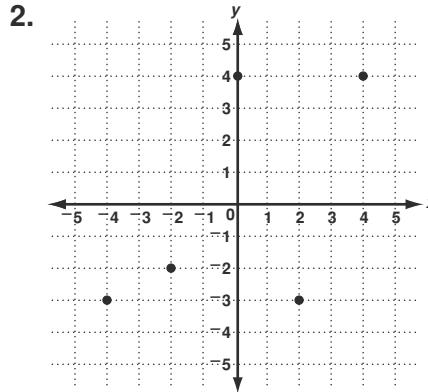
1. **Average High Temperatures**

Month	Temperature
Jun	82°
Jul	88°
Aug	93°
Sep	82°

Domain: {Jun, Jul, Aug, Sep};

Range: {82°, 88°, 93°};

this is a function.

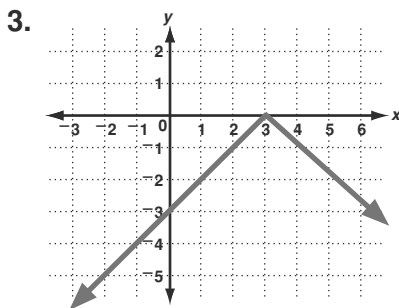


Domain: {-4, -2, 0, 2, 4};

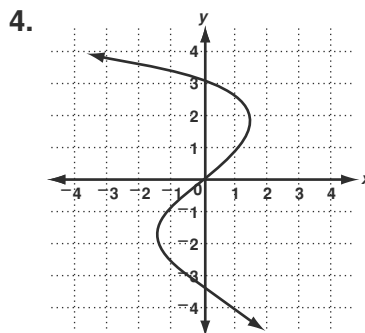
Range: {-3, -2, 4};

this is a function.

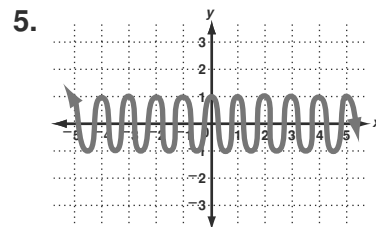
Use the vertical-line test to determine whether each relation is a function. If not, identify two points a vertical line would pass through.



This is a function.



This is not a function;
(1, 1) (1, -4)



This is a function.

Explain whether each relation is a function.

6. $\{(1, 1), (2, 2), (3, 3), (4, 4)\}$

Yes, each value of x is associated with only 1 value of y .

7. from the model of car to the car's ID number

No, each car model is manufactured as many individual cars.

8. from the dates James took math tests to his test scores

Yes, there is only 1 score associated with each test date.