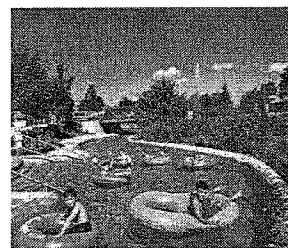


Ready, Set, Go!



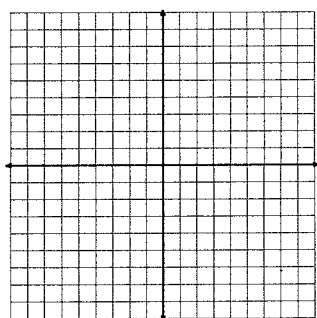
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Ready

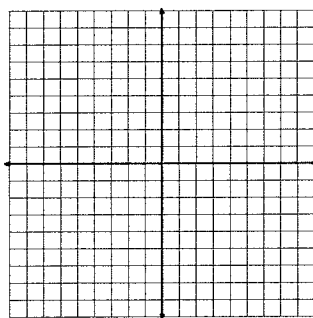
Topic: Solve systems by graphing

Graph each system of linear equations and find where $f(x) = g(x)$

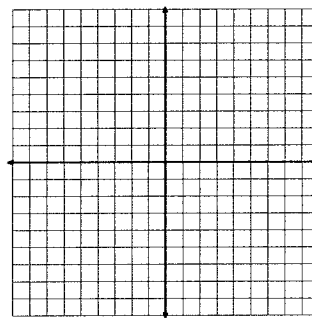
1.
$$\begin{cases} f(x) = 2x - 7 \\ g(x) = -4x + 5 \end{cases}$$



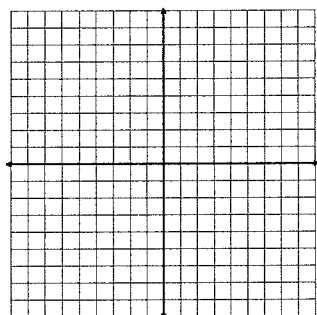
2.
$$\begin{cases} f(x) = -5x - 2 \\ g(x) = -2x + 1 \end{cases}$$



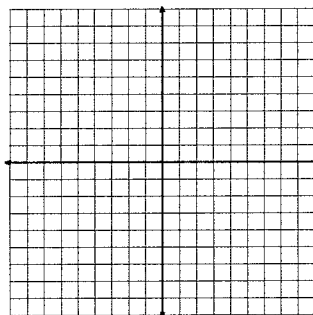
3.
$$\begin{cases} f(x) = -\frac{1}{2}x - 2 \\ g(x) = 2x + 8 \end{cases}$$



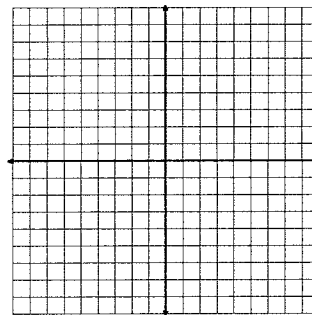
4.
$$\begin{cases} f(x) = \frac{2}{3}x - 5 \\ g(x) = -x \end{cases}$$



5.
$$\begin{cases} f(x) = \frac{2}{3}x + 4 \\ g(x) = -\frac{1}{3}x + 1 \end{cases}$$



6.
$$\begin{cases} f(x) = x \\ g(x) = -x - 3 \end{cases}$$



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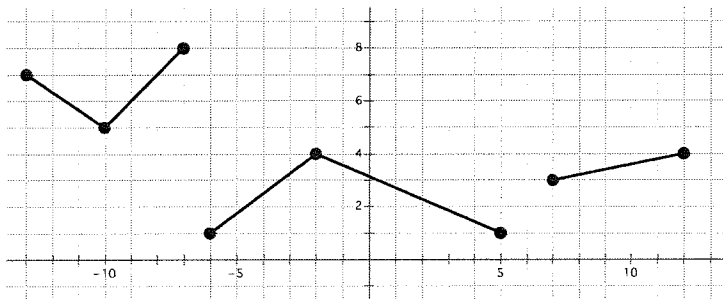
Features of Functions | 5.2

Set

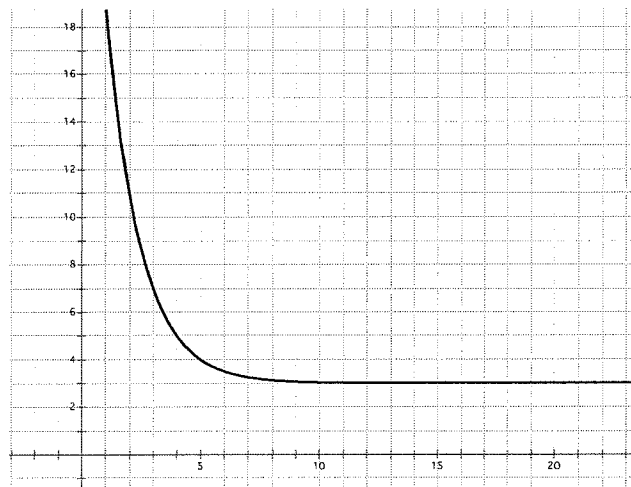
Topic: Describe features of a function from its graphical representation.

For each graph given provide a description of the function. Be sure to consider the following: decreasing/increasing, min/max, domain/range, etc.

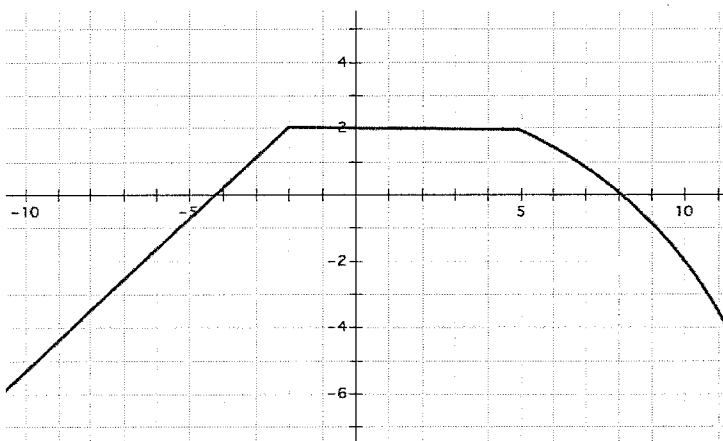
7. Description of function



8. Description of function



9. Description of function



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Features of Functions | 5.2

Go

Topic: Create equations using both explicit and recursive notation.

Write equations for the given tables in both recursive and explicit form.

10.

| n | $f(n)$ |
|-----|--------|
| 1 | 5 |
| 2 | 2 |
| 3 | -1 |

Explicit:

Recursive:

11.

| n | $f(n)$ |
|-----|--------|
| 1 | 6 |
| 2 | 12 |
| 3 | 24 |

Explicit:

Recursive:

12.

| n | $f(n)$ |
|-----|--------|
| 0 | -13 |
| 2 | -5 |
| 3 | -1 |

Explicit:

Recursive:

13.

| n | $f(n)$ |
|-----|--------|
| 1 | 5 |
| 4 | 11 |
| 5 | 13 |

Explicit:

Recursive:

14.

| n | $f(n)$ |
|-----|---------|
| 2 | 5 |
| 7 | 15,625 |
| 9 | 390,625 |

Explicit:

Recursive:

15.

| n | $f(n)$ |
|-----|--------|
| 0 | -4 |
| 1 | -16 |
| 2 | -64 |

Explicit:

Recursive:

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