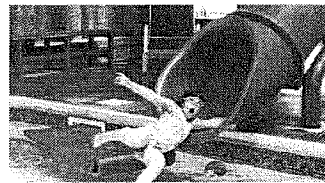


Features of Functions | 5.4

Ready, Set, Go!



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Ready

Topic: Attributes of linear and exponential functions.

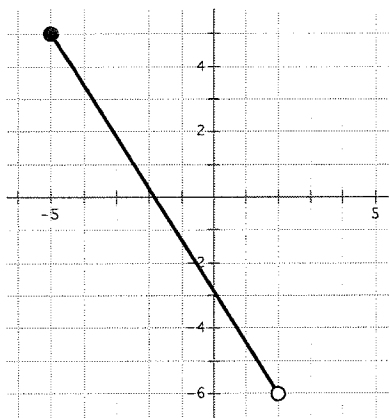
1. Write a well-developed paragraph comparing and contrasting linear and exponential functions. Be sure to include as many characteristics of each function as possible and be clear about the similarities and differences these functions have.

Set

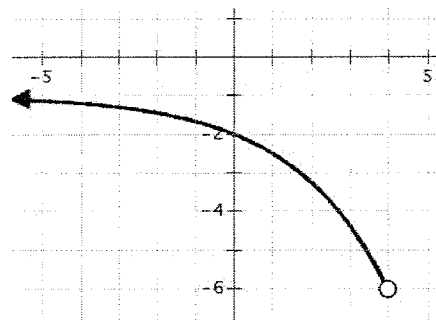
Topic: Identifying attributes of a function from its graphical representation.

Based on the graph given in each problem below, identify attributes of the function such as the domain, range and whether or not the function is increasing or decreasing, etc.

2.



3.



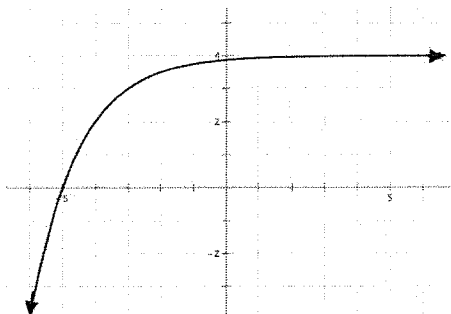
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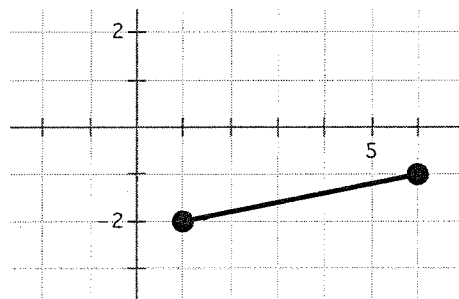
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Features of Functions | 5.4

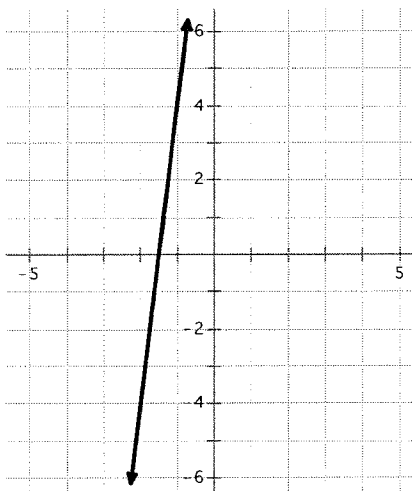
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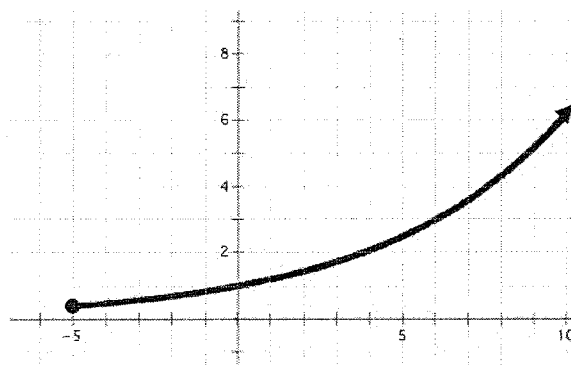
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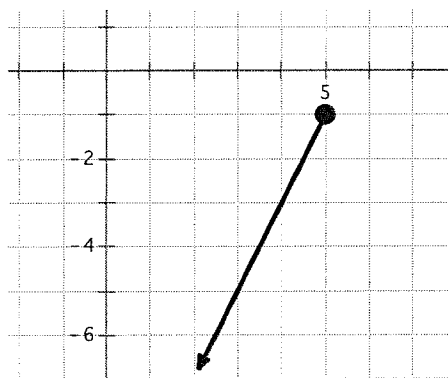
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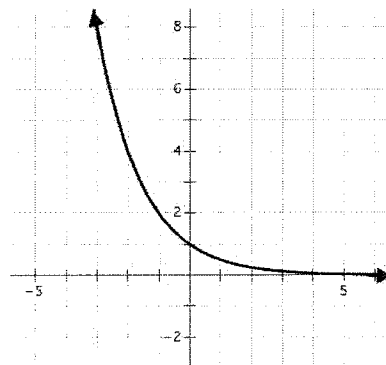
7.



8.



9.



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Features of Functions | 5.4

Go

Topic: Finding equations and rules for functions

Find both the explicit and the recursive equations for each table of values below.

10.

n	$f(n)$
1	3
2	5
3	7
4	9

Explicit:

Recursive:

11.

n	$f(n)$
2	4
3	8
4	16
5	32

Explicit:

Recursive:

12.

n	$f(n)$
6	23
7	19
8	15
9	11

Explicit:

Recursive:

13.

n	$f(n)$
1	1
2	3
3	9

Explicit:

Recursive:

14.

n	$f(n)$
3	8
4	4
5	2

Explicit:

Recursive:

15.

n	$f(n)$
6	7
9	13
12	19

Explicit:

Recursive:

16.

n	$f(n)$
2	40
4	32
8	16

Explicit:

Recursive:

17.

n	$f(n)$
2	16
3	4
4	1

Explicit:

Recursive:

18.

n	$f(n)$
17	5
20	10
26	20

Explicit:

Recursive:

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