Sequences

7

Ready, Set, Go!

Ready

Topic: Find the constant ratio for each geometric sequence.

1. 1, 4, 8, 16...

2.	$\frac{1}{2'}$	1,	2,	4,	8	
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- 3. -5, 10, -20, 40...
- 4. 10, 5, 2.5, 1.25...

Set

Topic: Recursive and explicit equations

Fill in the blanks for each table, then write the recursive and explicit equation for each sequence.

5. Table 1

X	1	2	3	4	5
у	5	7	9		
Recursive:					

Explicit:

6.	Table	2
_		

X	у
1	-2
2	-4
3	-6
4	
5	

Recursive:

Explicit:

7. Table 3

X	у
1	3
2	9
3	27
4	
5	

Recursive:

Explicit

8. Table 4

X	у
1	27
2	9
3	3
4	
5	

Recursive:

Explicit:

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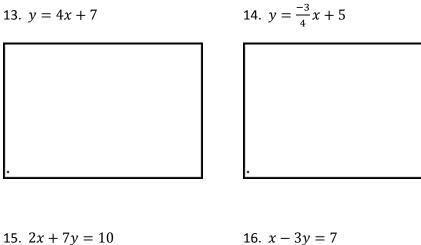


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Go

Topic: Graphing linear equations and labeling windows

Graph the following linear equations. Label your window



15. 2x + 7y = 10



Need Help? Check out these related videos:

Graphing equations http://www.khanacademy.org/math/algebra/linear-equations-andinequalitie/v/graphs-using-slope-intercept-form

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