

**Ready, Set, Go!****Ready**

Topic: Find the constant ratio for each geometric sequence.

- 1, 4, 8, 16...
- $\frac{1}{2}, 1, 2, 4, 8...$
- 5, 10, -20, 40...
- 10, 5, 2.5, 1.25...



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**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
$y$	5	7	9		

Recursive:

Explicit:

**6. Table 2**

$x$	$y$
1	-2
2	-4
3	-6
4	
5	

Recursive:

Explicit:

**7. Table 3**

$x$	$y$
1	3
2	9
3	27
4	
5	

Recursive:

Explicit

**8. Table 4**

$x$	$y$
1	27
2	9
3	3
4	
5	

Recursive:

Explicit:



**Go**

Topic: Graphing linear equations and labeling windows

Graph the following linear equations. Label your window

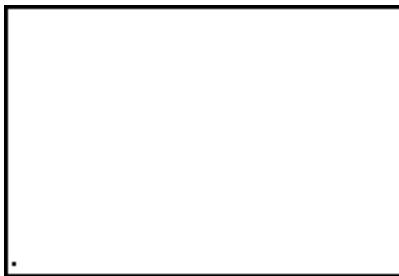
13.  $y = 4x + 7$



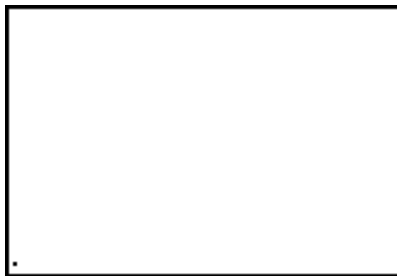
14.  $y = \frac{-3}{4}x + 5$



15.  $2x + 7y = 10$



16.  $x - 3y = 7$



Need Help? Check out these related videos:

Graphing equations <http://www.khanacademy.org/math/algebra/linear-equations-and-inequalitie/v/graphs-using-slope-intercept-form>

