4.3 Exponential Functions

Study 4.3 # 1, 7, 9, 23, 24, 25, 27, 55, 57, 59ab, 60

Answer questions on following web page.

http://www.battaly.com/collegealgebra/geogebra/exponential_function/

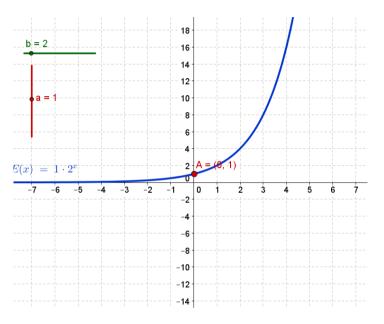
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Homework Problems

4.3 Exponential Functions

$$f(x) = a b$$



 $http://www.battaly.com/collegealgebra/geogebra/exponential_function/\\ \bigcirc$

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Homework Problems

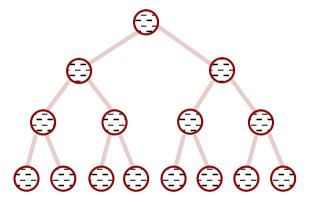
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4.3 Exponential Functions

$$f(x) = a b$$
 $a \ne 0, b > 0, b \ne 1$

Consider bacteria: one cell divides to two



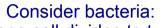
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4.3 Exponential Functions

$$f(x) = a b$$
 $a \ne 0, b > 0, b \ne 1$



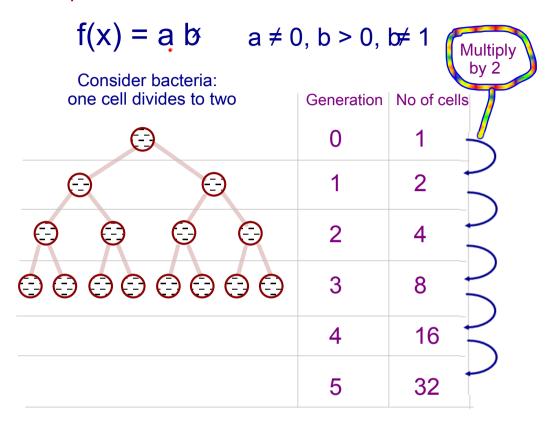
one cell divides to two	Generation	No of cells
	0	1
	1	2
	2	4
+	3	8
	4	?
	5	?
Can you guess these?		

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4.3 Exponential Functions

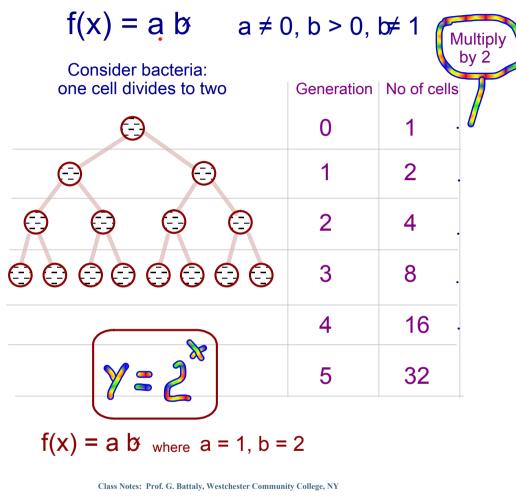


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