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Exponential Growth

Online @ www.mathwarehouse.com/exponential-growth/graph-and-equation.php

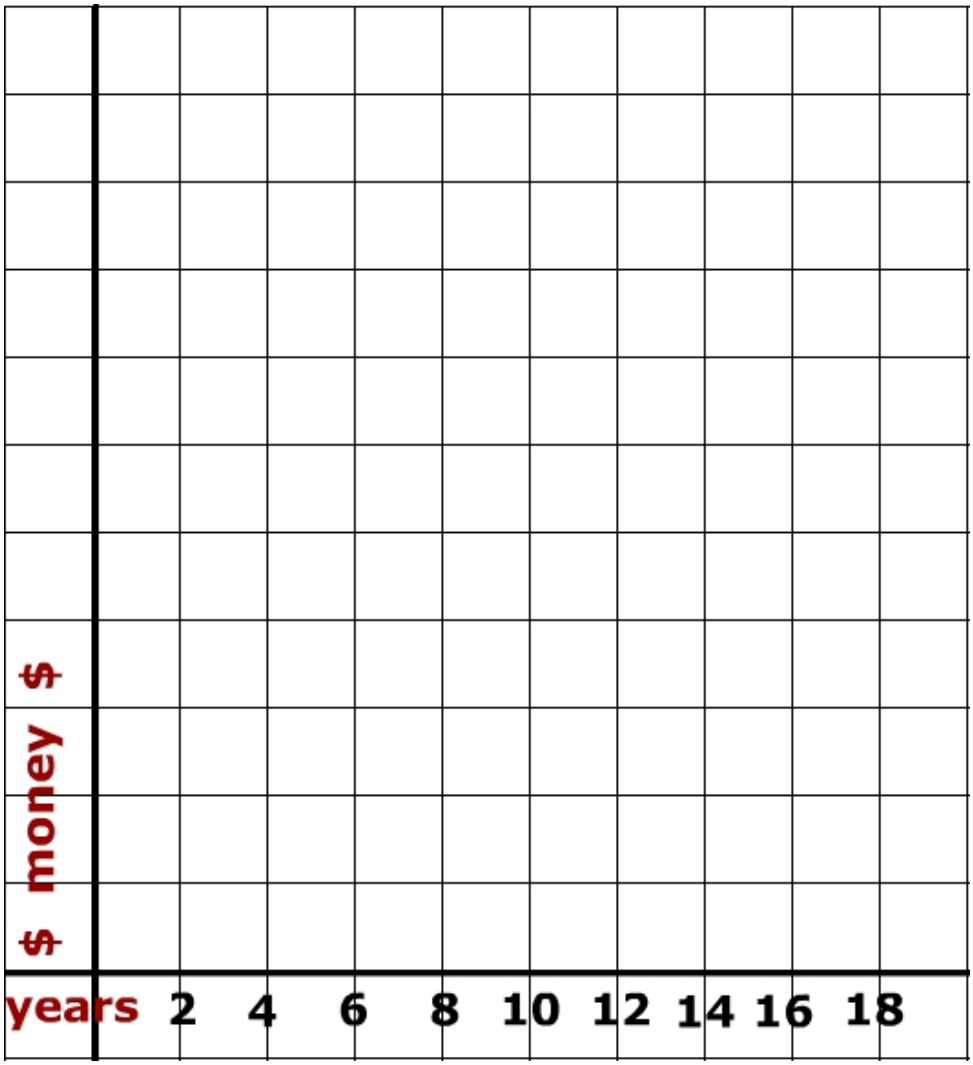
Which option would you chose? (circle one)

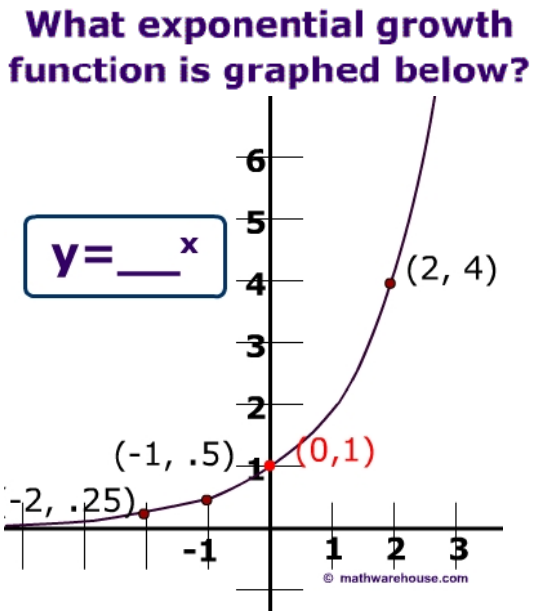
Option 1:You can have $1000 a year for twenty years

Option 2: You can get $1 the first year, $2 the second, $4 the 3rd, doubling the amount each year for twenty years.

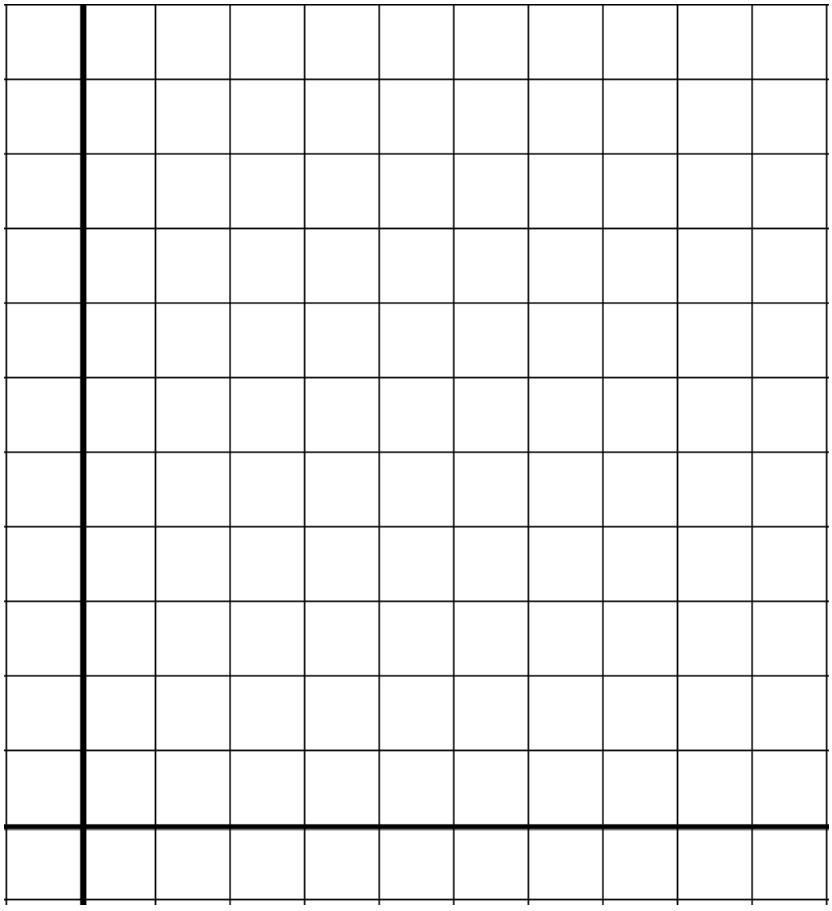
1) Determine how much you would gain at the end of 20 years for option 1 and for option 2.

2) Graph both options to see which will give you more money.





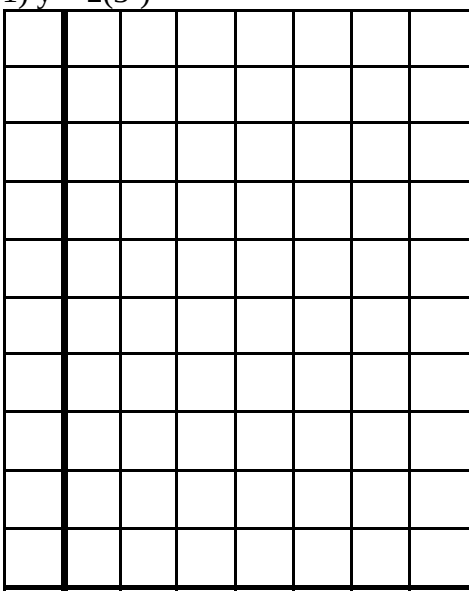
Using the Graph below. Draw the graphs of
$y = 4^x$ and $y = 5^x$



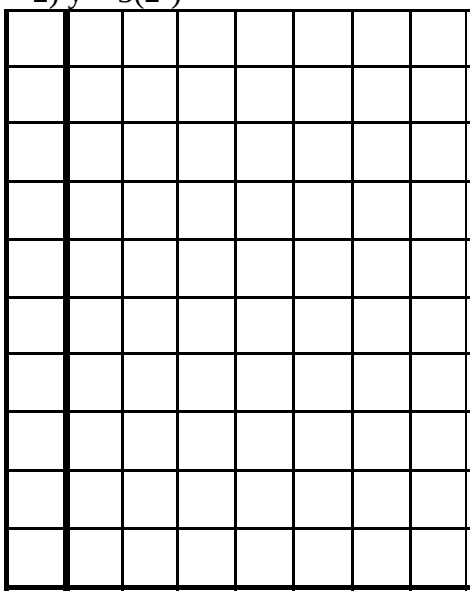
Part II

Graph

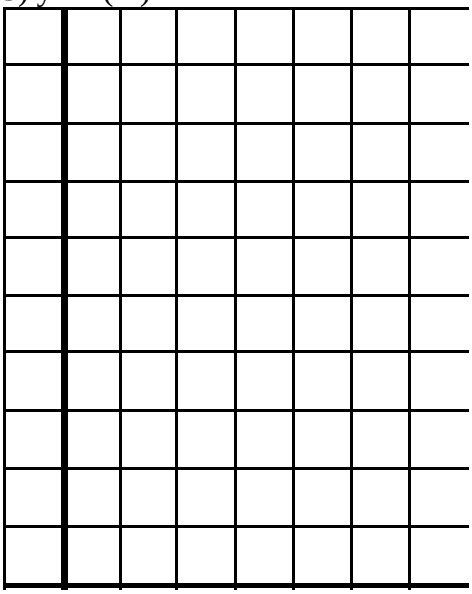
1) $y = 2(3^x)$



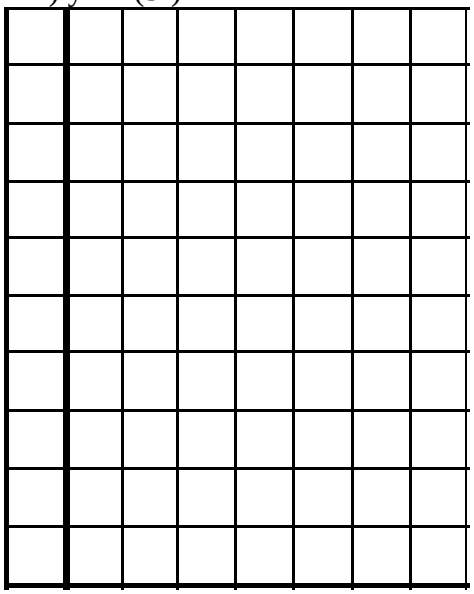
2) $y = 3(2^x)$



3) $y = 2(4^x)$



4) $y = 2(5^x)$



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