

Win Some Cash!!!

Your math teacher has recently come into a large inheritance. She announces that during one period of the day she is going to give one lucky student in the school some money. The money she will pay the winner will be determined by one of the functions below, where x is the period of the day in which the money is awarded.

$$A(x) = 2^x - 1$$

$$B(x) = 2x$$

$$C(x) = 2x^2$$

She hasn't decided which period of the day she will give the money away, but she has decided that the student who is chosen will immediately have to choose which function they would prefer to be paid by. Assuming you are the winner, how should you choose?

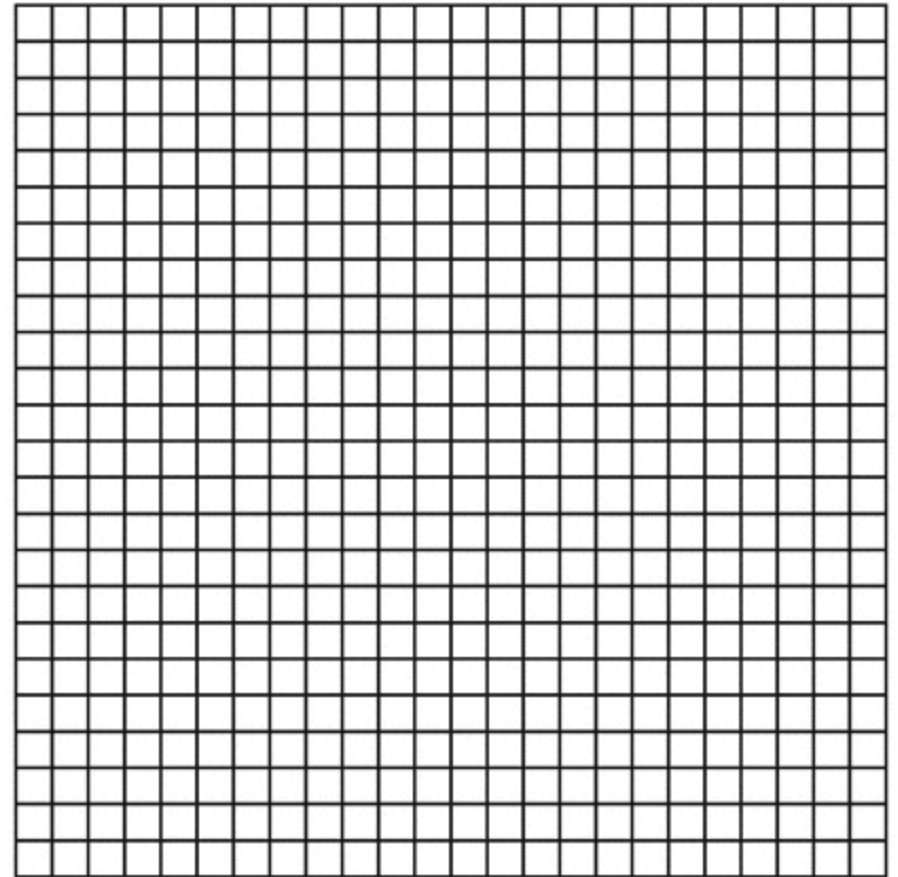
Your Three Choices:

$$A(x) = 2^x - 1$$

$$B(x) = 2x$$

$$C(x) = 2x^2$$

x	A(x)	B(x)	C(x)



If you are the winner, how will you choose?