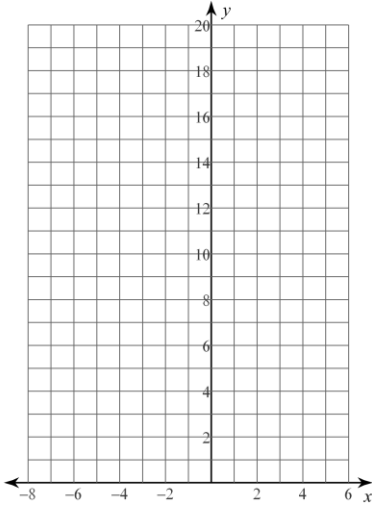
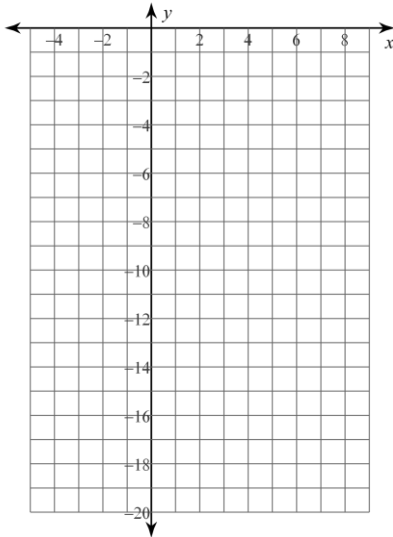


Graph the following. State the domain and Range

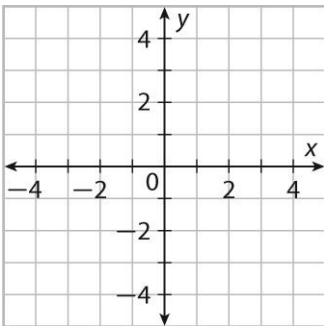
$$y = 2 \cdot 2^{x+1} + 1$$



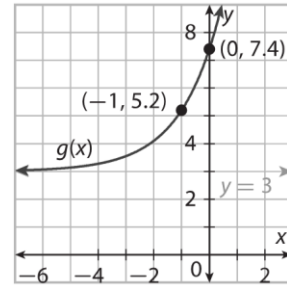
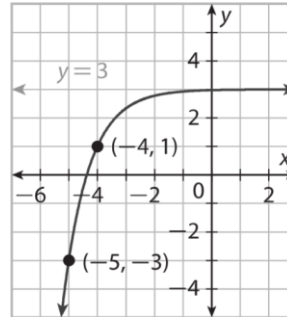
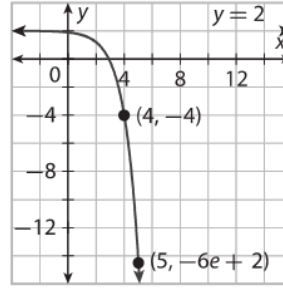
$$y = -4 \cdot \left(\frac{1}{2}\right)^{x-2} - 1$$



$$g(x) = 2e^{x-2} + 1$$



Write the equations of the following graphs



Consider an investment of \$500 with 3% interest.

Write the equation if the account is...

- (a) Compounded annually
- (b) Compounded monthly
- (c) Compounded continuously

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After 5 years which account will have more money?

Identify the account that has the higher effective rate:

	Account X	Account Y
Nominal Interest rate	2.65%	2.6%
Compounding period	Quarterly	Continuously