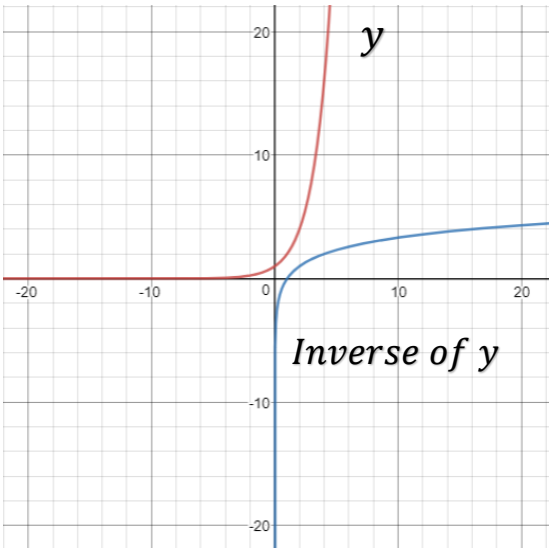
PCFU (B1): Graphing Inverse Functions Name _____

1. Use four coordinates to graph the function of $y = 2^x$

   Without using a calculator, you can determine coordinates of the function by plugging numbers into x and evaluating for y.

x	y
0	1
1	2
2	4
3	8
4	16



2. Use the same four coordinates from above to find the coordinates and graph for the inverse function of $y = 2^x$

   In order to find the coordinates of a function's inverse, you follow the ordered pair rule (x,y)→(y,x).

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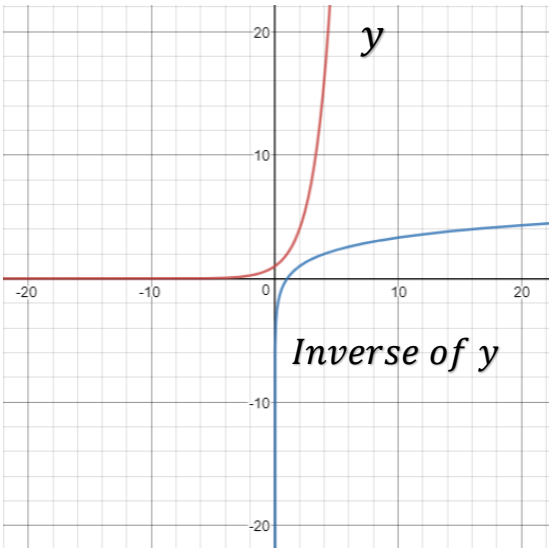

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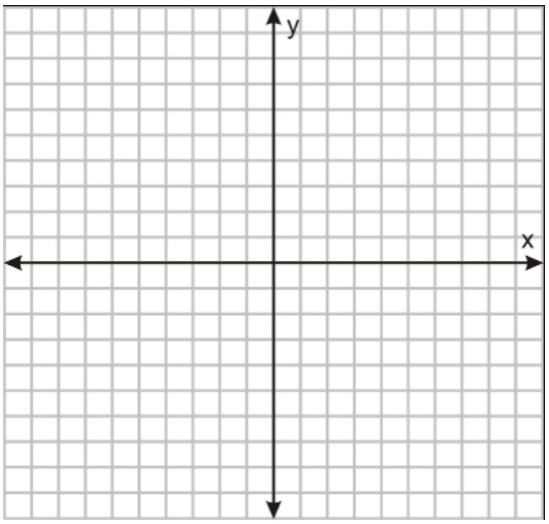
Additional Problems:

1. Use four coordinates to graph the function of $y = \sqrt{x}$

x	y



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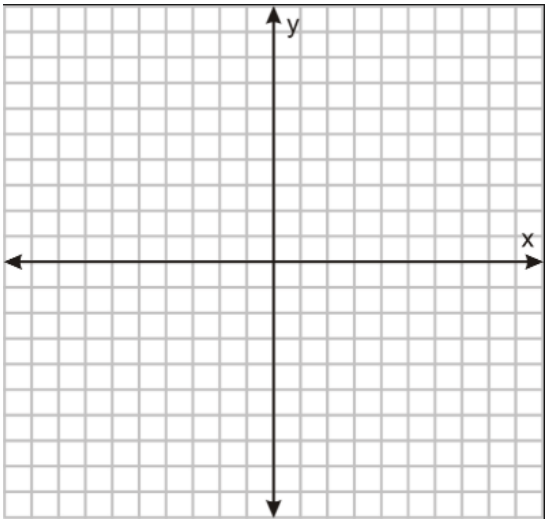

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