Unit X – Exponential and Logarithmic Functions
Part A – Exponential Functions
Lesson 1 – Graphs of Solution Sets for f(x) = aˣ

Graph the solution set for each of the following exponential functions, describing the curve and identifying key points.

1. $y = 6^x$

2. $y = \left(\dfrac{1}{5}\right)^x$

3. $y = 9^{\sqrt{x}}$
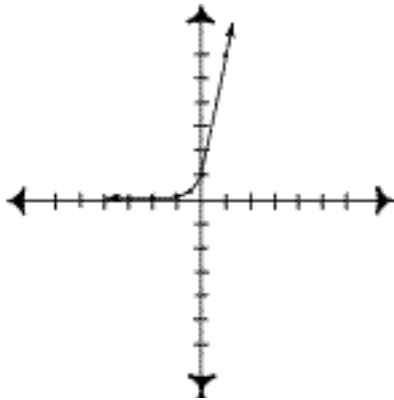
4. $y = -\left(\dfrac{1}{4}\right)^x$

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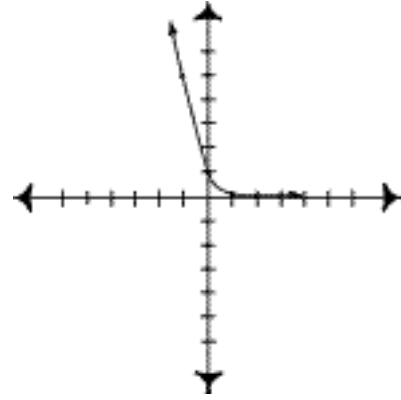## Part A – Exponential Functions
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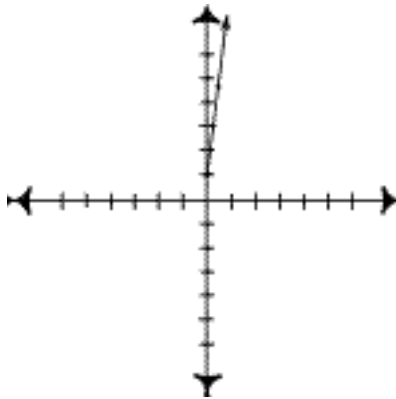
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