

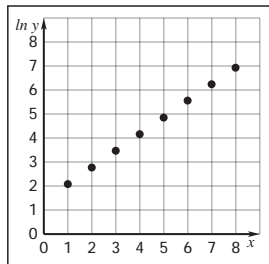
Answer Key

Practice B

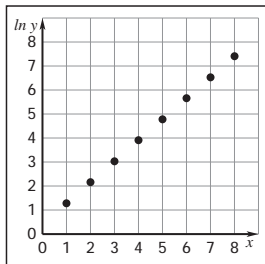
1. $y = (\frac{1}{3})2^x$ 2. $y = (\frac{1}{25})4^x$ 3. $y = 3(\frac{1}{2})^x$

4. $y = 6(\frac{2}{3})^x$ 5. $y = (\frac{1}{2})5^x$ 6. $y = \frac{5}{4}(\frac{1}{3})^x$

7.



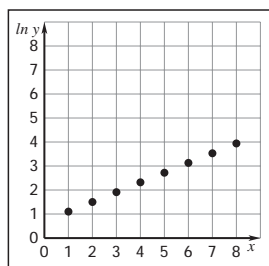
8.



$y = 4(2)^x$

$y = 1.5(2.4)^x$

9.



10. $y = 4x^2$

11. $y = \frac{1}{2}x^3$

12. $y = 2x^5$

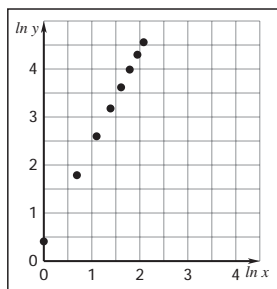
13. $y = 1.2x^{1.5}$

14. $y = 3x^{3.5}$

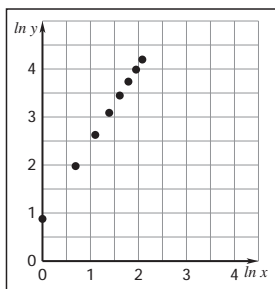
15. $y = 4.3x^{1.2}$

$y = 2(1.5)^x$

16.



17.



$y = 1.5x^2$

$y = 2.4x^{1.6}$

18. $y = 29.623x^{-0.809}$; 3.313 million