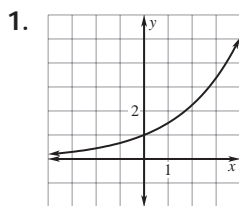


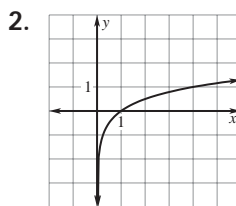
Answer Key

Test C

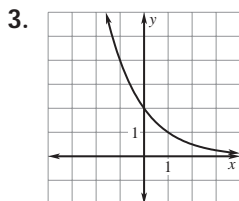
Graph 1–6 on graph paper



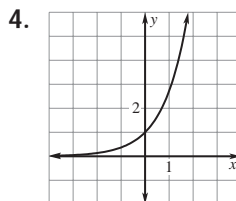
Domain:
all real numbers
Range: $y > 0$



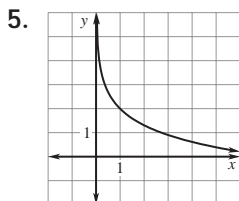
Domain: $x > 0$
Range:
all real numbers



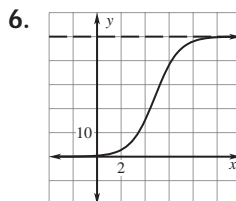
Domain:
all real numbers
Range: $y > 0$



Domain:
all real numbers
Range: $y > 0$



Domain: $x > 0$
Range:
all real numbers



Domain:
all real numbers
Range: $y > 0$

7. e^4 8. $9e^2$ 9. -3 10. 5 11. -2
 12. -2 13. -3 14. 0 15. 2 16. 625
 17. 2, -2 18. 8; (-4 is extraneous) 19. 2
 20. exponential decay 21. $y = 8^x$ 22. 4.428
 23. 1.176 24. $\log_4 24$ 25. $\ln 2 + \ln y - \ln x$
 26. 2.481 27. $y = 3^x$ 28. $y = 3.227x^{0.631}$
 29. $y = 28,000(.92)^t$; \$18,454 30. \$1053.22