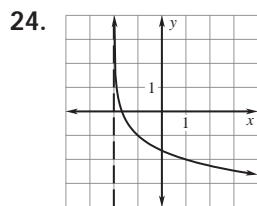
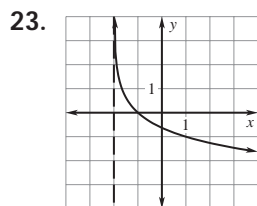
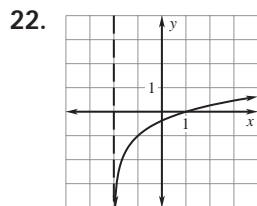
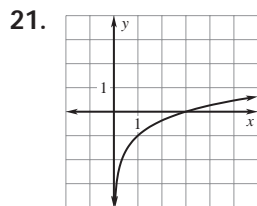
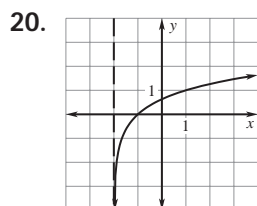
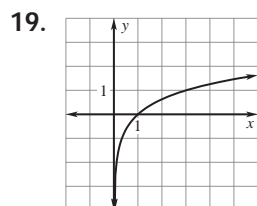


Answer Key

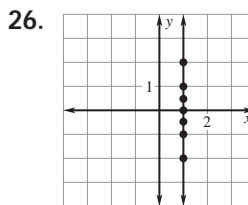
Practice C

1. $5^3 = 125$ 2. $8^{1/3} = 2$ 3. $3^{-3} = \frac{1}{27}$
 4. 2.099 5. 0.092 6. -1.199 7. -5
 8. -3 9. $\frac{2}{3}$ 10. $\frac{3}{4}$ 11. $-\frac{2}{3}$ 12. $-\frac{3}{2}$
 13. $f^{-1}(x) = 4^x$ 14. $f^{-1}(x) = \frac{2^x}{7}$
 15. $f^{-1}(x) = \frac{10^x - 2}{3}$ 16. $f^{-1}(x) = e^{x+3}$
 17. $f^{-1}(x) = e^{x-1} + 2$
 18. $f^{-1}(x) = \frac{x-4}{2}$ or $f^{-1}(x) = \frac{1}{2}x - 2$

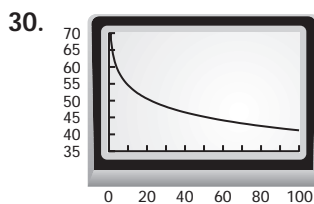


25.

x	1	1	1	1	1	1	1
y	-2	-1	$-\frac{1}{2}$	0	$\frac{1}{2}$	1	2



27. no 28. no
 29. 41.9 seconds



31. 41.2 seconds