The number e and the function $y = e^x$

Complete the table,
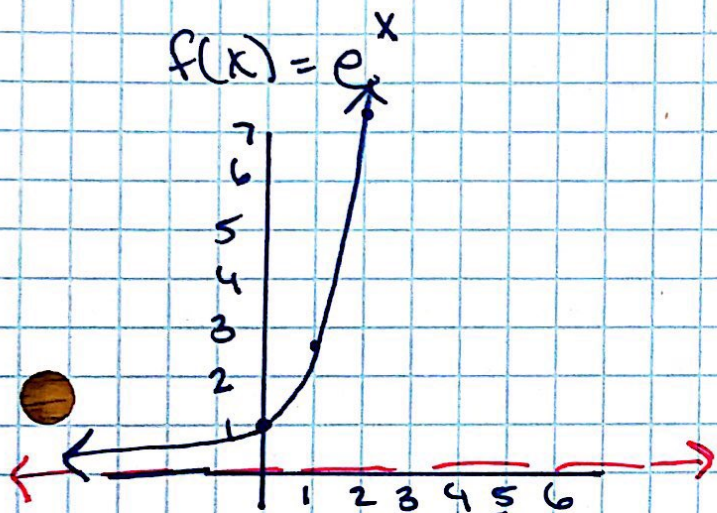
n	$y = \left(1 + \frac{1}{n}\right)^n$
10	2.5937
100	2.7048
1,000	2.7169
10,000	2.7181
100,000	2.7183
1,000,000	2.7183

$x \to \infty$

$y \to 2.7183$

e

$f(x) = e^x$

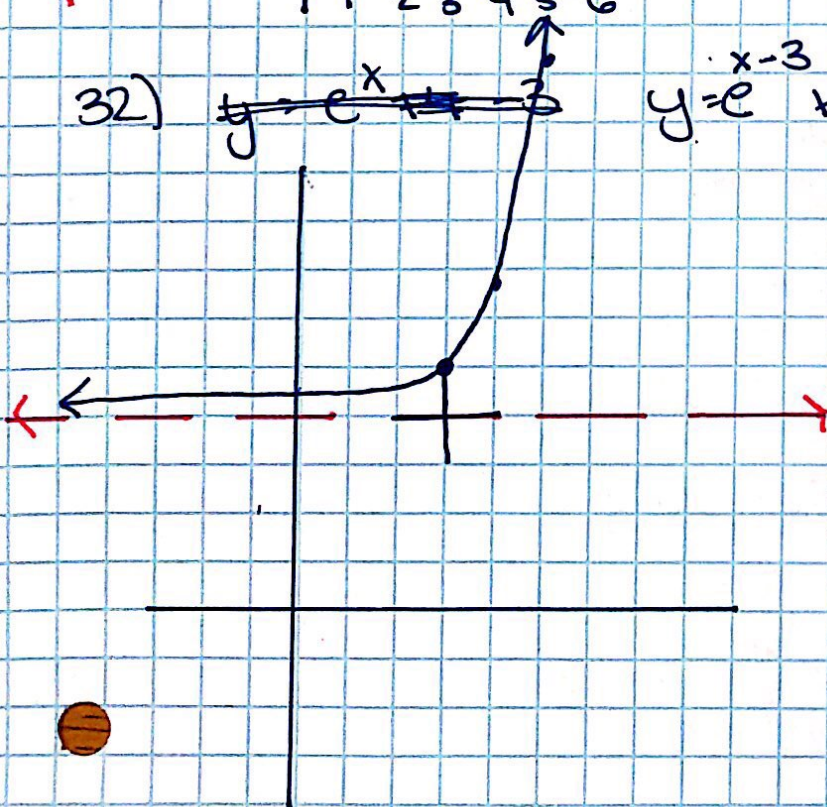Domain: $(-\infty, +\infty)$

Range: $(0, +\infty)$

Asymptote: $y = 0$

32) $y = e^x$ $y = e^{x-3} + 4$ Right 3   Up 4

D: $(-\infty, +\infty)$

R: $(4, +\infty)$

A: $y = 4$