Elementary Algebra and Functions

Sample Question 1

If $\dfrac{x-1}{x} = 20$, then $x =$

A. -21
B. -19
C. $-\dfrac{1}{19}$
D. $\dfrac{1}{21}$

Explanation:

Choice (C) is correct. If $\dfrac{x-1}{x} = 20$, then $x - 1 = 20x$. It follows that $-1 = 19x$, or $x = -\dfrac{1}{19}$.