

NAME: _____

A2.A.41: Use functional notation to evaluate functions for given values in the domain

1. 060406b, P.I. A2.A.41

If $f(x) = 4x^0 + (4x)^{-1}$, what is the value of $f(4)$?

[A] $4\frac{1}{16}$ [B] $1\frac{1}{16}$ [C] -12 [D] 0

2. 080701b, P.I. A2.A.41

If $f(x) = (x^{-x} - x^0 + 2^x)$, then $f(3)$ is equal to

[A] -21 [B] -22

[C] $8\frac{1}{27}$ [D] $7\frac{1}{27}$

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[1] A _____

[2] D _____