2. What is the domain of the function
$f(x) = \dfrac{x^2 - x - 2}{x^4 - 81}$?

Ⓐ All real numbers except 3

Ⓑ All real numbers except −1 and 3

Ⓒ All real numbers except −3 and 3

Ⓓ All real numbers except −3, 1, and 3

8. What is the remainder when $4x^4 - 10x^2 + 2x + 1$ is divided by $4x - 1$?

Ⓐ $-\dfrac{1}{2}$ Ⓑ 4   Ⓒ $\dfrac{57}{64}$ Ⓓ $-\dfrac{18}{37}$

10. What is the sum $\dfrac{1}{x-4} + \dfrac{-8}{x^2 - 16}$?

Ⓐ $\dfrac{-8}{x^2 + x - 20}$

Ⓑ $\dfrac{-7}{x+4}$

Ⓒ $\dfrac{1}{x^2 + x + 2}$

Ⓓ $\dfrac{1}{x+4}$