Rational Functions

Question

Which of the following expressions is equivalent to the expression below?

$$\frac{x^2 - a^2 - 2}{x - a}$$

(a) $x + a - 2$

(b) $x - a - 2$

(c) $x + a - \frac{2}{x-a}$

(d) $x - a - \frac{2}{x-a}$

Answer: (c)