

Dividing Polynomials 4

_____ 1. Evaluate the rational expression $\left(\frac{x^2-x-2}{x^2-4}\right)\left(\frac{x^2+x-2}{1-x^2}\right)$.

- A. -1
- B. 1
- C. $x-2$
- D. $x-1$
- E. $x+1$

_____ 2. Simplify the given rational expression $\left(\frac{x^2-25}{5x+x^2}-1\right)$.

- A. $\frac{5}{x}$
- B. $-\frac{5}{x}$
- C. $\frac{x-6}{x}$
- D. -5
- F. -6