

Three polynomials are factored below, but some coefficients and constants are missing. All of the missing values of a , b , c , and d are integers.

1. $x^2 - 6x + 8 = (ax + b)(cx + d)$

2. $3x^3 - 6x^2 - 24x = 3x(ax + b)(cx + d)$

3. $2x^2 - 2x - 24 = (ax + b)(cx + d)$

Fill in the table with the missing values of a , b , c , and d .