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

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

3. $6x^2 - 15x - 9 = (ax + b)(cx + d)$

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