

Correct. After multiplying both sides of the equation by the common denominator  $m(m + 2)$ , you find  $2(m + 2) = m(m - 1)$ , or  $2m + 4 = m^2 - m$ . This can be rearranged into the polynomial  $0 = m^2 - 3m - 4$ , which can be factored as  $(m - 4)(m + 1) = 0$ .