

17 $f(x) = 2x^4 - 19x^3 + 64x^2 - 89x + 42$ and zeros: 1, 2, 3, and $\frac{7}{2} \Rightarrow$

$$f(x) = 2(x - 1)(x - 2)(x - 3)\left(x - \frac{7}{2}\right)$$