$$P(x) = ax^5 + bx^4 + cx^3 + dx^2 + ex + f$$
 (1)

$$x^2 + x = 10 \tag{2}$$

Multline

$$(a+b+c+d)x^{5} + (b+c+d+e)x^{4}$$

$$+ (c+d+e+f)x^{3} + (d+e+f+a)x^{2} + (e+f+a+b)x$$

$$+ (f+a+b+c)$$