k(k-3) (k²+3 k+9)

الحل:

دخرج k عامل مشترك لتصبح:

$$k^4+27 k = k(k^3+27)$$
باستخدام تحليل مجموع مكعبين:

 $k(k^3+27) = k(k^3+3^3)$

 $= k(k+3)(k^2-3k+9)$

 $= k(k+3)(k^2-(k)(3)+(3)^2)$

 $m^{+}+m^{-}=(|\text{Local}|\hat{d}_{0})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actallity})\times(|\text{Actall$

حللي العبارة التالية إلى عواملها الأولية: 2.

 $k^{4} + 27 k$

 $k(k+3) (k^2+3 k+9)$ $k(k-3) (k^2+6 k+9)$

 $k(k+3)(k^2-3k+9)$