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

حللي العبارة التالية إلى عواملها الأولية: 2.

 $w^{4} + 8 w$

 $w(w+2)(w^2+2w+4)$

 $w(w-2)(w^2+4w+4)$

 $w(w-2)(w^2+2w+4)$

الحل:

 $w(w+2)(w^2-2w+4)$

 $w(w^3+8) = w(w^3+2^3)$

 $= w(w+2)(w^2-2w+4)$

 $= W(W+2) (W^2-(W) (2) + (2)^2)$