FACTORIZACION

EJERCICIO 89 (Tomado del Algebra de Baldor)

Factorar o descomponer en dos factores

|  |  |
| --- | --- |
| 1. $8m^{2}-12mn$
 | 1. $55m^{2}n^{3}x+110m^{2}n^{3}x^{2}-220m^{2}y^{3}$
 |
| 1. $15c^{3}d^{2}+60c^{2}d^{3}$
 | 1. $12m^{2}n+24m^{3}n^{2}-36m^{4}n^{3}+48m^{5}n^{4}$
 |
| 1. $15y^{3}+20y^{2}-5y$
 | 1. $3a^{2}b+6ab-5a^{3}b^{2}+8a^{2}bx+4ab^{2}m$
 |

EJERCICIO 90 (Tomado del Algebra de Baldor)

Factorar o descomponer en dos factores

|  |  |
| --- | --- |
| 1. $m\left(a-b\right)+\left(a-b\right)n$
 | 1. $1-x+2a\left(1-x\right)$
 |
| 1. $\left(x+m\right)\left(x+1\right)-\left(x+1\right)\left(x-n\right)$
 | 1. $\left(1+3a\right)\left(x+1\right)-2a\left(x+1\right)+3\left(x+1\right)$
 |
| 1. $\left(a+b-1\right)\left(a^{2}+1\right)-a^{2}-1$
 | 1. $\left(3x+2\right)\left(x+y-z\right)-\left(3x+2\right)-\left(x+y-1\right)\left(3x+2\right)$
 |

EJERCICIO 91 (Tomado del Algebra de Baldor)

Factorar o descomponer en dos factores

|  |  |
| --- | --- |
| 1. $ax-2bx-2ay+4by$
 | 1. $4a^{3}-1-a^{2}+4a$
 |
| 1. $x+x^{2}-xy^{2}-y^{2}$
 | 1. $3a^{2}-7b^{2}x+3ax-7ab^{2}$
 |
| 1. $3ax-2by-2bx-6a+3ay+4b$
 | 1. $3x^{3}+2axy+2ay^{2}-3xy^{2}-2ax^{2}-3x^{2}y$
 |