Factorización

1. Factorizar:
   $R = am - bm + an - bn$

2. Factorizar:
   $mx^2 + nx^2 - px^2$

3. Indicar el menor factor luego de factorizar:
   $xy + xz - xyz - wy - wz + wyz$

4. Factorizar:
   $F = z^7 - 2z^6 + z^4 - 2z^3$

5. Factorizar:
   $f_{(x,y)} = x^4 + x^3y^2 + x^2y + xy^3$

6. Factorizar:
   $f_{(x,y)} = x^2y^2 + x^2y + xy^2 + xy$

7. Factorizar:
   $f_{(x,y)} = (x^2 - y^2)^2 - (y^2 - z^2)^2$

8. Factorizar:
   $L = m^2 - 4p^2 + 4mn + 4n^2$

9. Factorizar:
$f_{(x,y)} = (x^2 + 2)^2 - (2x - 1)^2$

El factor que mas se repite es:

10. Factorizar:
$f_{(x,y)} = 8x^2 - 2x - 3$

11. Factorizar:
$T = 4x^4t - 4s^3t^2 - 24s^2t^3$

12. Factorizar:
$f_{(x)} = (2x^2 - 3x)^2 - 14(2x^2 - 3x) + 45$

13. Factorizar:
$f_{(x,y)} = (x^2 + 6)^2 + 3x(x^2 + 6) - 10x^2$

14. Factorizar:
$(x^2 + 4)^2 - 6x(x^2 + 4) - 27x^2$

15. Factorizar:
$x^4 + 2x^2 + 9$

16. Factorizar:

$f(x,y) = x^4 + 10x^2 + 49 - y^4$

17. Factorizar:

$P(x,y,z) = -x^2 - y^2 + z^2 + 2x - 2y - 2z + 2xy$

18. Factorizar:

$f(x,y) = x^2 (x^2 + 3y^2)^2 - y^2 (y^2 + 3x^2)^2$

19. Factorizar:

$f(x) = x^4 - 28x^2 + 16$

20. Factorizar:

$f(x) = x^4 - 6x^2 + 25$