

Factorise:

1. $m^4 - 18m^2n^2 + 81n^4$
2. $10a^2 - 20ab^2 + 10b^4$
3. $1 - 2ab - (a^2 + b^2)$
4. $1 + 2ab - (a^2 + b^2)$
5. $x^2 - y^2 - 9z^2 + 6yz$
6. $p^4 - (p + q)^4$
7. $x^2 - 4xy + 4y^2$
8. $3p^4 - 36p^2 + 108$
9. $(p^2 - 4p + 4) - 81$
10. $a^4 + 2a^2b^2 + b^4$