



Grade 9

Mathematics

Difference of two squares

Question 1: Difference of two squares

1. $1 - 49y^2$
2. $64f^2 - 9$
3. $-4 + 16t^4$
4. $x^2 - 25$
5. $x^6 - 100$
6. $49g^4 - 81$
7. $a^2 - b^2$
8. $36y^8 - 121z^2$
9. $144t^{10} - 16$

Question 2: More complicated difference of two squares with factorising

1. $5a^2 - 45$
2. $63y^2 - 7$
3. $(2x - 1)^2 - 49$
4. $3(a + b)^2 - 27$
5. $2p^3q - 8pq^3$
6. $3x^2 - 75y^2$
7. $4c^2d^4 - 36c^4d^2$