

FACTORING DIFFERENCE OF TWO SQUARES

Procedure

1. Take the square root of each term
2. Write 2 binomials using those square roots
3. Use a “+” with one and a “-“ with the other

Factor each expression.

1. $x^2 - 9$

2. $y^2 - 25$

3. $z^2 - 64$

4. $a^2 - 49$

5. $c^2 - 4$

6. $y^2 - 100$

7. $n^2 - 121$

8. $w^2 - 196$

9. $x^2 - 400$

10. $b^2 - 256$

11. $x^2 - 169$

12. $4n^2 - 9$

13. $16x^2 - 25$

14. $25y^2 - 1$

15. $81n^2 - 4$

16. $25w^2 - 144$

17. $4a^2 - 121$

18. $100n^2 - 81$

19. $1 - 9x^2$

20. $49a^2 - 25$