

Factor each binomial.

1. $x^2 - 4$

2. $b^2 - 25$

3. $c^2 - 100$

4. $r^2 - 16$

5. $9 - x^2$

6. $144 - c^2$

7. $16x^2 - y^2$

8. $25m^2 - n^2$

9. $x^2 - 4y^2$

10. $x^4 - 64$

11. $100x^2 - 81y^2$

12. $64e^2 - 9f^2$

13. $r^2s^2 - 144$

14. $w^2 - \frac{1}{64}$

15. $s^2 - \frac{1}{100}$

16. $49x^2 - \frac{1}{9}$

17. $\frac{4}{25} - \frac{49d^2}{81}$

18. $49x^4 - 64y^4$

19. $25x^6 - 121y^{10}$

20. $x^4y^8 - 144a^6b^{10}$