

Name _____
Algebra I

Date _____

Directions: Factor using the difference of two squares.

1. $x^2 - 49$

2. $x^2 - 100$

3. $x^2 - 144$

4. $x^2 - 0.81$

5. $x^2 - y^2$

6. $x^2 - \frac{36}{121}$

7. $x^2y^2 - \frac{625}{9}$

8. $x^4 - \frac{324}{361}$

9. $x^2 - 0.49$

10. $x^2 - 1.69$

11. $100x^2 - 0.0009$

12. $x^4 - 0.0016$

13. $49 - x^2$

14. $x^2 - 1.96$

15. $x^2 - 324$

16. $x^2 - 0.36$

17. $x^2 - y^2z^2$

18. $x^2 - \frac{49}{100}$

19. $x^2y^2 - \frac{1}{9}$

20. $x^4 - \frac{81}{25}$

21. $x^2 - \frac{1}{4}$

22. $x^2 - 2.56$

23. $64x^2 - \frac{1}{16}$

24. $x^2y^2 - 0.25$

25. $x^6 - 0.64$

26. $x^8 - 0.81$

27. $25x^4 - 9$

28. $x^2 - y^6$

29. $400 - 25x^2$

30. $0.04 - 0.81x^2$

