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| Factoring Difference of |
· Squares Worksheet ·
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Factor the following Difference of Perfect Squares.

1. $x^2 - 25$

2. $x^2 - 9$

3. $x^2 - 81$

4. $x^2 - 49$

5. $x^2 - 36$

6. $9x^2 - 16$

7. $x^2 - 1$

8. $64x^2 - 9$

9. $144x^2 - 169$

10. $16x^2 - 9$

11. $x^2 - 121$

12. $25x^2 - 9$

Factor out a GCF if necessary. Then determine if this is a Difference of Perfect Squares and factor accordingly.

13. $8x^2 - 12$

14. $x^2 + 81$

15. $16x^2 - 25$

16. $12x^2 - 8$

17. $18x^2 - 8$

18. $50x^2 + 8$

19. $16x^2 - 4$

20. $14x^2 - 7$

21. $25x^2 - 50$

22. $12x^2 - 27$

23. $25x^2 - 10$

24. $15x^2 + 30$

25. $3x^2 - 9$

26. $3x^2 - 75$

27. $14x^2 - 14$