

Name: _____

Solving Polynomials Practice

Choose eight problems below to solve by factoring.

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|------------------------------|
| 1. $x^2 - 24x + 144 = 0$ |
| 3. $64x^2 + 16x + 1 = 0$ |
| 5. $x^2 + 6x - 55 = 0$ |
| 7. $81x^2 - 1 = 0$ |
| 9. $x^2 - 64 = 0$ |
| 11. $49x^2 - 168x + 144 = 0$ |
| 13. $x^2 - x - 110 = 0$ |
| 15. $25x^2 - 36 = 0$ |

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|--------------------------|
| 17. $49x^2 - 144 = 0$ |
| 19. $x^2 - 18x + 81 = 0$ |
| 21. $49x^2 - 1 = 0$ |
| 23. $x^2 + 2x + 1 = 0$ |
| 25. $x^2 - 81 = 0$ |
| 27. $x^2 - 144 = 0$ |
| 29. $x^2 - 8x + 7 = 0$ |

Choice 1: _____

Choice 2: _____

Choice 3: _____

Choice 4: _____

Choice 5: _____

Choice 6: _____

Choice 7: _____

Choice 8: _____