

Algebra I Practice A.SSE.A.2: Factoring the Difference of Perfect Squares 1

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NAME: \_\_\_\_\_

Factor:

1.  $x^2 - 169$

2.  $x^2 - 121$

3.  $x^2 - 49$

4.  $x^2 - 64$

5.  $x^2 - 36$

6.  $x^2 - 144$

7.  $x^2 - 25$

8.  $x^2 - 9$

9.  $x^2 - 1$

10.  $x^2 - 4$

11.  $x^2 - 100$

12.  $x^2 - 81$

13.  $x^2 - 16$

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[1]  $(x+13)(x-13)$  \_\_\_\_\_

[2]  $(x+11)(x-11)$  \_\_\_\_\_

[3]  $(x+7)(x-7)$  \_\_\_\_\_

[4]  $(x+8)(x-8)$  \_\_\_\_\_

[5]  $(x+6)(x-6)$  \_\_\_\_\_

[6] (