### Lesson 5 Practice Problems

1. Write each expression in the form , without using any radicals.
2. Write without using exponents or radicals.
3. Match the equivalent expressions.
   1. 1
   2. 2
   3. 4
4. Complete the table. Use powers of 27 in the top row and radicals or rational numbers in the bottom row.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| * 27 |  |  | * 1 |  |  |

* (From Unit 3, Lesson 3.)

1. What are the solutions to the equation ?

* (From Unit 2, Lesson 11.)

1. Use exponent rules to explain why .

* (From Unit 3, Lesson 4.)



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