Radicals and Rational Exponents: Guided Notes

# Rewriting

 nth root, where  is the index

 square root



Diagram

Description automatically generated

Rewrite each expression in rational exponent form.

1) 

2) 

Rewrite each expression in radical form.

3) 

4) 

# Simplifying

Simplify each of the following expressions. Write your final answer using the given notation.

* *The power inside the radical must be less than the index.*
* *Final answers must have positive exponents.*

5) 

6) 