**Exponential and Radical Relationships Mini Quiz Review**

1. **Rewrite each expression without radicals. Use fractional exponents as necessary.**

a.  b. 

c.  d. 

2. **Rewrite each expression using radicals and whole number exponents.**

**No fractional exponents in final answer.**

a.  b. 

c.  d. 

3. **Multiple Choice:** Which expression is equivalent to ?

a. 7 b. 73 c. 492 d. 72

4. **Multiple Choice:** Which expression is equivalent to , assuming *m* >0 and *n* > 0?

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5. If *v* > 0, **select all** of the expressions that are equivalent to the given expression. 

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6. **Multiple Choice:** The expression , where can be rewritten as .



What is the value of w?

7. For , the expression can be rewritten in the form . Determine the value of d.



