

**Radical Form and Exponential Form**

A) Write each of the following in radical form.

1)  $33^{\frac{2}{5}}$

2)  $75^{\frac{4}{7}}$

\_\_\_\_\_

\_\_\_\_\_

3)  $54^{\frac{9}{8}}$

4)  $28^{\frac{3}{2}}$

\_\_\_\_\_

\_\_\_\_\_

5)  $2^{\frac{5}{4}}$

\_\_\_\_\_

\_\_\_\_\_

B) Write each of the following in exponential form.

1)  $\sqrt[2]{47}$

\_\_\_\_\_

3)  $\sqrt[3]{90^8}$

\_\_\_\_\_

5)  $(\sqrt[9]{65})^4$

\_\_\_\_\_

6)  $(\sqrt[8]{88})^5$

\_\_\_\_\_

**PREVIEW**Gain complete access to the largest  
collection of worksheets in all subjects!Members, please  
log in to  
download this  
worksheet.Not a member?  
Please sign up to  
gain complete  
access.[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)