

Radical Expressions with an Index Activity

Write the following radical expressions with the appropriate index. Also, number each problem.

1. $\sqrt[3]{125}$ the cube root of one hundred twenty-five

Answer: 

2. $\sqrt[5]{z}$ the fifth root of z


Answer:   

3. $\sqrt[7]{\frac{1}{128}}$

the seventh root of open fraction one over one hundred twenty-eight
close fraction

Answer: 

4. $\sqrt[3]{0.008}$ the cube root of zero point zero zero eight

Answer: 

5. $\sqrt[4]{z+5}$ the fourth root of z plus five end root

Answer: 

6. $\sqrt[4]{z} + 5$ the fourth root of z end root plus five

Answer: 

7. $\sqrt[6]{x^6}$ the sixth root of x to the sixth power end root

Answer:

