



**Math Challenge!**  
**Radical Exponents Bell Ringer**

On an index card, simplify each expression.

1.  $\sqrt{27v}$

2.  $\sqrt{45x^2}$

3.  $\sqrt[4]{48x^2}$

4.  $\sqrt[3]{108r^3}$

## Answer Key

1.  $\sqrt{27v}$   
 $3\sqrt{3v}$

2.  $\sqrt{45x^2}$   
 $3x\sqrt{5}$

3.  $\sqrt[4]{48x^2}$   
 $2\sqrt[4]{3x^2}$

4.  $\sqrt[3]{108r^3}$   
 $3r\sqrt[3]{4}$