

Homework-Mixed Review

Name _____

Mixed Review HW (base 10, scientific notation, ordering, and square roots)

1. Fill in the following charts

Power of 10	Number (Expand & Standard)
10^0	
10^2	
10^6	
10^3	
10^1	

Power of 10	Fraction (expand & standard)	Decimal (expand & standard)
10^{-2}		
10^{-6}		
10^{-1}		
10^{-3}		
10^{-4}		

2. Fill in the following chart

Scientific Notation	Work	Standard Form
5.168×10^3		
2.00364×10^{-4}		
1.00045×10^{-3}		
8.12504×10^4		
		0.0000541
		50,001,452,000
		351
		0.0002541

3. Order from least to greatest.

3.125×10^6

6.145896×10^7

3.125×10^5

6.145897×10^7

4. Order from greatest to least.

1.2514×10^{-5}

2.31052×10^{-4}

1.2514×10^{-6}

2.1352×10^{-4}

5. Circle the numbers that represent perfect square numbers.

12 36 25 84 9 225 328 324 81 100 112

6. Answer the following square root items.

$\sqrt{4} =$

$\sqrt{49} =$

$\sqrt{1} =$

$\sqrt{16} =$

$\sqrt{64} =$

$\sqrt{121} =$

$\sqrt{196} =$

$\sqrt{169} =$