

Homework: Base 10

Name: _____

POWER OF 10	Fraction Expanded Form	Fraction Standard Form	Decimal Expanded Form	Decimal Standard Form
1) 10^{-1}				
2) 10^{-4}				
3) 10^{-3}				
4) 10^{-6}				
5) 10^{-2}				
6) 10^0				
7) 10^{-7}				
8) 10^{-8}				

8) Look at the question below – which row shows the correct conversion?

	Fraction Form	Decimal Form
A	$\frac{1}{10^{-6}}$	0.000001
B	$\frac{1}{10^{-5}}$	0.000001
C	$\frac{1}{10^6}$	0.0000001
D	$\frac{1}{10^5}$	0.00001

9)

What value of x makes the statement true?

$$\left(\frac{1}{10}\right) \cdot \left(\frac{1}{10}\right) \cdot \left(\frac{1}{10}\right) \cdot \left(\frac{1}{10}\right) \cdot \left(\frac{1}{10}\right) = 10^x$$

$x =$