Choose the Correct Answer:	
1. 0.00056 in standard form is:	
a) 5.6 × 10⁻³	b) 5.6 × 10 <sup>-4</sup>
c) 5.6 × 10 <sup>3</sup>	d) 56 × 10 <sup>−3</sup>
2. 3.2 × $10^{-2}$ in usual form is:	
a) 0.032	b) 0.0032
c) 0.32	d) 3.2
3. Which of the following is the c	orrect standard form of 0.0000071?
a) 7.1 × 10⁻⁵	b) 71 × 10 <sup>-7</sup>
c) 7.1 × 10 <sup>-6</sup>	d) 0.71 × 10 <sup>-5</sup>
4. 4.5 × 10 <sup>-3</sup> equals:	
a) 0.045	b) 0.0045
c) 0.00045	d) 0.45
5. In standard form, the number	0.005 is written as:
a) 5 × 10 <sup>-2</sup>	b) 5 × 10 <sup>-3</sup>
c) 5 × 10 <sup>2</sup>	d) 5 × 10³
Write the Missing Terms to Co	mplete the Sentences:
1. Standard form of 0.00081 is	× 10 <sup>-4</sup>
2. 6.2 × $10^{-3}$ in decimal form is	
3. Standard form is used to expres	ss numbers in simpler way
4. The decimal point is moved to t	the for negative exponents

5. 0.0000004 is written in standard form as  $\_\_\_ \times 10^{-7}$ 

## C. Figure out the answers to these questions:

- 1. Write 0.00032 in standard form.
- 2. Express 0.0075 in standard form.
- 3. Convert  $8.5 \times 10^{-3}$  into usual form.
- 4. Express 0.00000021 in standard form.
- 5. Write the usual form of  $6.4 \times 10^{-5}$ .

## D. Mark each sentence with a True ( $\checkmark$ ) or False (X):

	1. In standard form, a number is written as a $\times$ 10 <sup>n</sup> where 1 $\leq$ a < 10.	
	2. 3.6 × 10 <sup>-4</sup> = 0.00036.	
	3. Standard form is useful for writing very small or very large numbers.	
	4. 7.5 × $10^{-2}$ is greater than 7.5 × $10^{-3}$ .	
	5. 0.00089 is written as $8.9 \times 10^{-4}$ in standard form.	
Ε.	Challenge yourself with these questions:	
	1. Write 0.0000065 in standard form.	
	2. Express $2.47 \times 10^{-3}$ in decimal form.	
	3. Convert 0.00000082 into standard form.	
	4. Write 5.9 × 10 <sup>-₅</sup> in usual form.	

5. Write 0.00041 in standard form.