

## **Exit Ticket E3 - Standard Form**

Name:		Date:
Diagnostic Questions		Correct Answer: A B C D
Which number is biggest?	9.829 x 10 <sup>5</sup>	Explanation:
	B 1.12 x 10 <sup>6</sup>	
	<b>D</b> 1.12 × 10	
	<b>C</b> 1.13000000	
	<b>D</b> 1.09 x 10 <sup>6</sup>	
Diagnostic Questions		Correct Answer: A B C D
Which is the correct representation of the number 0.000305?	A 3.5 x 10 <sup>3</sup>	Explanation:
	3.5 × 10	
	<b>B</b> 3.05 x 10 <sup>-4</sup>	
	C 3.05 x 10 <sup>4</sup>	
	3.05 x 10 <sup>4</sup>	
	<b>D</b> 3.5 x 10 <sup>-4</sup>	
		Correct Answer: A B C D
Diagnostic Questions  Three of the following		
Three of the following statements are true and one is false. Which one is false?	$0.0000097 = 9.7 \times 10^{-6}$	Explanation:
	$\frac{3 \times 10^{-3}}{3 \times 10^{-3}} = 7.5$	
	$\frac{3 \times 10^{-4}}{4 \times 10^{-4}} = 7.5$	
	3 × 10 <sup>-3</sup> + 4 × 10 <sup>-4</sup>	
	$= 3.4 \times 10^{-3}$	
	$\frac{2 \times 10^3}{4 \times 10^{-3}} = 5 \times 10^7$	
	1 × 10	