

Name \_\_\_\_\_

**Do Nows/Exit Tickets Algebra 2 –Jan 6th – Jan 10th**

	<b>Monday - Do Now</b>	<b>Tuesday - Do Now</b>	<b>Wednesday - Do Now</b>	<b>Thursday - Do Now</b>	<b>Friday - Do Now</b>
	<b>Complete the problems posted on the board</b>	<b>Complete the problems posted on the board</b>	<b>Complete the problems posted on the board</b>	<b>Complete the problems posted on the board</b>	<b>Complete the problems posted on the board</b>

Monday – Exit Ticket	Tuesday – Exit Ticket	Wednesday – Exit Ticket	Thursday – Exit Ticket	Friday – Exit Ticket
<p data-bbox="279 224 470 285">Solve for x  <math>-70 + 7.56^x = 20</math></p> <p data-bbox="279 756 489 786">Evaluate <math>\log_5 1/2</math></p>	<p data-bbox="600 224 779 285">Simplify:  <math>e^{\ln 2}</math> and <math>3 \ln e^2</math></p>	<p data-bbox="936 224 1255 354">State the continuous compounding formula and describe what each variable represents.</p>	<p data-bbox="1299 224 1591 461">Give a real world example of an exponential growth function and a exponential decay function that each have base e.</p>	<p data-bbox="1635 224 1969 461">The half-life of carbon-14 is 5700 years. Find the age to the nearest year of a sample in which 15% of the radioactive nuclei originally present have decayed.</p>