


7th Grade Year in Review 5

Name: _____

You have been working hard all year! Time to investigate! Show your work for each question and circle your answer. This is due by Friday, May 6th (10 points)

<p>1.1. What is the mean of the following numbers? 9, 63, 87, 45, 8, 87, 25, 12</p>	<p>2. 1. What is the median of the following numbers? 9, 63, 87, 45, 8, 87, 25, 12</p>
<p>3. 1. What is the mode of the following numbers? 9, 63, 87, 45, 8, 87, 25, 12</p>	<p>4. 1. What is the range of the following numbers? 9, 63, 87, 45, 8, 87, 25, 12</p>
<p>5. Evaluate the expression when $x = 7$</p> $\sqrt{x + 22} + 5x$	<p>6. Solve $5a^2 = 500$</p>
<p>7. Solve $14 \geq x + 8$. Then graph the solution.</p> 	<p>8. What is the area of a triangle with a base of 10 in. and a height of 6 in.?</p>

9. What is the probability of spinning a number less than 3? Write your answer as a fraction, decimal, and percent.



10. You win a car in a raffle. You could either get a 4-cylinder or 6-cylinder car. It also comes in the colors red, blue, green, and white. What is the probability of getting a white 6-cylinder car? Draw a Tree Diagram. (refer to ch 13.2 to help you to solve).