

Problems 9 through 11 are worth 3 point each	
9	<p>Every Tuesday Bill drives from City A to City B and back again. His average speed from City A to City B is 50mph and his average speed for the whole trip is 40mph. What is his average speed on the portion of his trip from City B to City A?</p> <p>A) 45mph B) 30mph C) $33\frac{1}{3}$mph D) 60mph</p>
10	<p>I have a figure with four sides, four right angles, and the length of all four sides is four. Which of these could describe this figure?</p> <p>A) Rhombus B) Rectangle C) Parallelogram D) All of the above</p>
11	<p>Eric built some snowmen and Trevor destroyed most of them. He tipped some, crushed some and melted others with a blowtorch in that order. Each snowman could have been destroyed in one, two or three ways or left alone. A total of 16 were tipped and melted and 9 were crushed and melted. Note that some of the 16 could have also been crushed and some of the 9 could have been tipped. 8 were only crushed and 6 were only tipped over. A total of 23 were at some point melted and a total of 35 were at some point tipped over or crushed. If 7 are destroyed in all three ways and 11 are left unharmed, how many snowmen did Eric build?</p> <p>A) 79 B) 115 C) 51 D) 62</p>
Problem 12 is worth 4 points	
12	<p>What is the next term in this sequence?</p> <p>60, 90, 108, 120, $128\frac{5}{7}$, _____</p> <p>A) 130 B) 133 C) 135 D) 140</p>