6th Grade Math Summer Learning Assignment

Name:_____

Directions: There are many ways to solve a multiplication or division problem. Standard Algorithm is a step-by-step way to solve a problem. In other words, this is the old school way your parents learned how to do math! There are not any shortcuts or drawings – just the basics of multiplying and dividing. Complete PART ONE and PART TWO. This will be collected at the beginning of the school year.

Part ONE: Use the websites or videos below to understand the process of standard algorithm. Take notes if it helps!	
Website	**Video**
1. **MULTIPLICATION:** https://bit.ly/2xbZhFK 2. **MULTIPLICATION:** https://bit.ly/2s5G9Er 3. **DIVISION:** https://bit.ly/2KQ12ub 4. **DIVISION:** https://bit.ly/2Lb1jJk	1. **MULTIPLICATION:** https://bit.ly/2J4wnw8 2. **DIVISION:** https://bit.ly/2IH9389

Part TWO: Complete the ten multiplication and ten division problems shown in each column. You may complete the work on this page or a separate sheet of paper. Show your work for the standard algorithm process of each problem.	
Multiplication	Division
75 X 8	$6\overline{)528}$
82 X 7	$310 \div 5$
60 X 63	$9\overline{)135}$
52 x 34	$252 \div 21$

91 X 85	$16\overline{)192}$
19 X 23	$209 \div 19$
36 X 32	$21\overline{)273}$
479 X 5	$6528 \div 68$
309 X 41	$40\overline{)2560}$
936 X 72	$66240 \div 32$