

## Weekly Math Homework Sept 26<sup>th</sup> - Sept 28<sup>th</sup>

#	Monday	Tuesday	Wednesday	Thursday
1		Find the GCF of 45 and 54?	Find the GCF of 28 and 36	Find the GCF of 130 and 128
2		Find the GCF of and 24 and 120	Find the GCF of 64 and 56	Find the GCF of 75 and 35
3		Use Order of Operations to solve.  <b><math>10 + 3(2 + 6)</math></b>	Use Order of Operations to solve.  <b><math>3^2 - (21 \div 7) + 14</math></b>	Find the Prime Factorization of 342.
4		Use Order of Operations to solve.  <b><math>36 \div \div 4(5 - 2) + 6</math></b>	Use Order of Operations to solve.  <b><math>4^2 (28 \div 4) - 9</math></b>	Find the Prime Factorization of 68.
5		Find the Prime Factorization of 128.	Find the Prime Factorization of 84.	Find the Prime Factorization of 180.
6		Find the Prime Factorization of 260.	Find the Prime Factorization of 245.	The prime factorization of a number is $5 \times 5 \times 7 \times 11$ find all its factors
7		The prime factorization of a number is $2 \times 5 \times 7$ find all its factors	The prime factorizations of two numbers are $2 \times 3 \times 5 \times 5$ and $2 \times 5 \times 5 \times 7$ . What is the GCF?	The prime factorizations of two numbers are $2 \times 2 \times 3 \times 5$ and $2 \times 2 \times 5 \times 7$ . What is the GCF?
8		The prime factorization of a number is $2 \times 2 \times 3 \times 5 \times 5$ . Is this number divisible by 3? Divisible by 4? Divisible by 15? How do you know	The prime factorization of a number is $2 \times 3 \times 3 \times 11$ Is this number divisible by 9? Divisible by 33? Divisible by 99? How do you know?	Find the smallest number divisible by 2, 5, and 11