Grade 6 Summer Math Challenge

Dear 6th Grade Student,

There are 71 days from the end of this school year until the beginning of school in September. You are being challenged to complete the following math worksheets during the summer vacation. This is a review of all you have done in 6th grade, and you only have to do fewer than 2 problems a day!

All you have to do is complete this packet and return it to your math teacher in September. Schools will reward students who complete the challenge in the same way they reward students who complete the Summer Reading Challenge.

Are you up to the challenge?

Question	Answer	Question	Answer
1.) Write all the factors of 36.	1.)	2.) Find 2 numbers that have 2, 3 and 5 as factors.	2.)
3.) Give 3 examples of prime numbers.	3.)	4.) Give 3 examples of composite numbers.	4.)
5.) Which of these numbers are divisors of 64? 2, 6, 8, 12, 16	5.)	6.) Which of these numbers are perfect numbers? 4, 6, 10, 22, 28	6.)
7.) Is the sum of two even numbers even or odd?	7.)	8.) Is the product of two odd numbers even or odd?	8.)
9.) Which of these numbers is a square number? 128, 225, 360, 399	9.)	10.) What is the prime factorization of 128?	10.)