Problem 1 (10 puts) (4.6 26) What is the original message encrypted using the RSA system with $n = 53 \cdot 61$ and $e = 17$ if the encrypted message is 3185 2038 2460 2550? (To decrypt, first find the decryption exponent d which is the inverses of $e = 17$ modulo $52 \cdot 60$.)