

Exercise 1. Decompose the number 60840 into prime factors.

Exercise 2. Find the greatest common divisor of the numbers 2526 and 378.

Exercise 3. Convert number 2416 from base 8 to base 5.

Exercise 4. Find a number q , which divided by p_i will give remainder q_i , for:

$$p_1 = 9, p_2 = 14, q_1 = 3, q_2 = 6.$$