1. Compute, remainder possible:

    $(a)215 \div 7$ $\qquad$ $(b)995 \div 61$ $\qquad$ $(c)1234567 \div 123$

2. The remainder of $1932 \div 17$ is 11, the remainder of $261 \div 17$ is 6. Is $1932 + 261$ divisible by 17? Can you tell without calculating and dividing?

3. The 4-digit number A7A9 (where A stands for some digit) is divisible by 9. What is A?

4. In some remote village many years ago villagers tamed dragons. They even started to breed them. Somehow on a weekend day or a holiday the villages had 2 eggs less hatching then on a week day. How many dragons have been hatched on a week day and on a weekend day if for one full week they added 80 dragons to their dragon flock?

5. Find the LCM(Least Common Multiple) and GCF (Greatest Common Divisor) of the following numbers:

    a. 9 and 12;
    b. 16 and 12;
    c. 24 and 8;
    d. 28 and 30;

6. Two bells ring together at 10:45 a.m. One bell rings every 9 minutes and the other every 12 minutes. When will they next ring together?

7.
    a. What is the smallest number which is divisible by 2, 3, and 4?
    b. (*)We have a large bag of apples. If we try dividing them evenly among 2, 3, or 4 people, every time there will be 1 apple left. However, they can be evenly divided among 5 people. How many apples are there in a bag (it is known that it contains not more than 70 apples)?