Quick Test LCM and HCF

1.   a) List the first ten multiples of 6, starting at 6
            b) List the first ten multiples of 5, starting at 5
            c) What is the LCM of 5 and 6?

2.   a) List all the factors of 30
            b) List all the factors of 48
            c) What is the HCF of 30 and 48?

3.   For each set of numbers find the HCF

a.	40, 60	b.	15, 45
c.	32, 64	d.	10, 40, 60
e.	15, 30, 45	f.	32, 48, 64
g.	10, 24, 40, 60	h.	15, 20, 30, 45

4.   For each set of numbers find the LCM

a.	40, 60	b.	15, 45
c.	32, 64	d.	10, 40, 60
e.	15, 30, 45	f.	32, 48, 64
g.	10, 24, 40, 60	h.	15, 20, 30, 45

5. Lars, Rita and Alan regularly go swimming. Lars goes every two days, Rita goes every 3 days and Alan goes every 5 days. They all went swimming together on Friday 1st June.
        a) On what date will Lars and Rita next go swimming together?
        b) On what date will Rita and Alan next go swimming together?
        c) On what day of the week will all 3 next go swimming together?
        d) Which of the three (if any) will go swimming on 15th June?