

Name:

Date:

1. Prove that $\sqrt{17}$ is irrational.
2. Show that $2\sqrt{6}$ is irrational.
3. Determine whether $77/625$ has a terminating decimal expansion.
4. Find the HCF and LCM of 96, 144 and 216.
5. In a temple, one bell rings every 42 minutes and another bell rings every 63 minutes. If both ring together at 9:00 AM, at what time will they ring together again?
6. Use Euclid's Division Algorithm to find the HCF of 765 and 510.