

Number Systems — Revision Booklet

Name:

Date:

INQUIRY**Key methods for integers, powers, primes, HCF/LCM, and standard form.**

Discuss with your partner. Write your initial ideas below:

Key Vocabulary

Term	Definition
Integer rules	pos x pos = pos. neg x neg = pos. pos x neg = neg.
Prime factorisation	Use factor tree. Write as product of primes with powers.
HCF from primes	Multiply COMMON primes at LOWEST power.
LCM from primes	Multiply ALL primes at HIGHEST power.
Standard form	$A \times 10^n$. $1 \leq A < 10$.

Key Methods

1. Write 540 as a product of primes. Then find HCF(540, 360). [3 marks]

Show your working: