

CLASS 6

MATHS

REVISION NOTES

Class 6 Maths Chapter 5 Prime Time Revision Notes

Quick revision notes for Class 6 Maths Chapter 5, "Prime Time" -- key definitions and facts at a glance for fast last-minute review.

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Key Terms

Factor: a number that divides another number exactly.

Multiple: the result of multiplying a number by a whole number.

Prime number: exactly two factors (1 and itself). **2 is the only even prime.**

Composite number: more than two factors.

1 is neither prime nor composite (only one factor).

Co-prime numbers: only common factor is 1 (need not be prime themselves, e.g. 8 & 9).

Twin primes: two primes differing by exactly 2 (e.g. 11, 13).

Key Lists

Primes up to 100: 25 total, from 2 to 97.

Twin prime pairs up to 100: (3,5), (5,7), (11,13), (17,19), (29,31), (41,43), (59,61), (71,73).

Smallest number with 3 distinct prime factors = 30 ($2 \times 3 \times 5$); with 4 = 210 ($2 \times 3 \times 5 \times 7$).

Divisibility Rules (this chapter covers 2, 4, 5, 8, 10 only)

Divisor	Rule
2	Last digit is 0, 2, 4, 6, or 8
4	Last 2 digits divisible by 4
5	Last digit is 0 or 5
8	Last 3 digits divisible by 8
10	Last digit is 0

Note: rules for 3, 6, 7, 9, and 11 are covered in later classes, not this chapter.

Prime Factorisation

Every composite number has a **unique** prime factorisation (found via a factor tree).

Two numbers are co-prime exactly when they share no common prime factors.

If two numbers are co-prime, their product equals their LCM (common multiple relationship).

Quick revision: [Solutions](#) | [Extra Questions](#) for this chapter.

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