

**YEAR 5**

Factors, Multiples and Primes

A factor divides into a number exactly. A multiple is what you get when you times it.

Learn the primes under 20 by heart, they save time in every paper.

Name: _____

Date: _____

Score: _____

Section A • Factors

Work in pairs: 1 and the number, then 2 and its partner, and so on.

① List all the factors of 24.

② List all the factors of 36.

③ List all the factors of 45.

④ Is 7 a factor of 91?

⑤ Is 6 a factor of 74?

⑥ Find the highest common factor of 12 and 18.

Section B • Multiples

Count up in the number. The lowest common multiple is the first one both lists share.

① Write the first four multiples of 7.

② Write the first four multiples of 9.

3 Find the lowest common multiple of 4 and 6.

4 Find the lowest common multiple of 5 and 8.

5 Which numbers between 20 and 30 are multiples of 3?

6 A number is a multiple of both 3 and 5. What is the smallest it could be?

Section C • Primes and squares

A prime has exactly two factors: 1 and itself.

1 List all the prime numbers less than 20.

2 Is 51 a prime number? Give a reason.

3 Is 29 a prime number?

4 Write the first five square numbers.

5 What is the square root of 81?

6 Which is the only even prime number?