

mastery ↔ fluency ↔ application

Term Autumn 1 Week beginning 18.9.23

Block Addition, subtraction, multiplication and division (Part 1)

Key vocabulary

Integer digit number multiply divide
factor multiple prime add subtract
place value column exchange calculation
highest common factor multiples square cube

	B	W	S
Add and subtract integers			
Common factors			
Common multiples			
Rules of divisibility			
Primes to 100			
Square and cube numbers			
Multiply up to a 4-digit number by a 2-digit number			
Solve problems with multiplication			

Stem sentences

- In column addition/subtraction, we start with the ____ place value column.
- How can you easily tell if 2/5/10 is a factor of a number?
- How can you work systematically to find all the factors of a number?
- ____ is a common multiple of ____ and ____.
- If the sum of the digits is divisible by ____, then the number is divisible by ____.
- ____ is prime because it has exactly ____ factors.
- ____ is a composite number because ____ = ____ x ____
- To square a number, you multiply the number by ____.

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