



## Year 5 Autumn Term 1 Maths

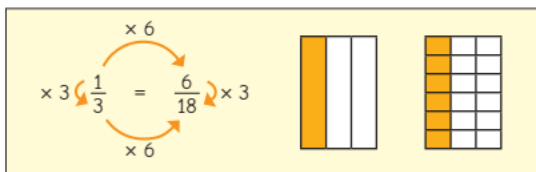
**Fluency, Reasoning, Problem Solving are the three strands that underpin maths mastery at Hyrstmount Junior School**

This term, year five will focus on:

Number: Place Value (3 weeks)	<ul style="list-style-type: none"> <li>Understanding the value of numbers to 100,000 including ordering, comparing and rounding</li> <li>Counting in steps of 10, 100, 1000, 10,000 and 100,000</li> <li>Rounding numbers</li> <li>Roman numerals to 1,000</li> </ul>
Number: Addition and subtraction (2 weeks)	<ul style="list-style-type: none"> <li>Addition and subtraction with more than 4-digits</li> <li>Find missing numbers</li> <li>Mutli-step addition and subtraction problems</li> </ul>
Number: Multiplication and division (3 weeks)	<ul style="list-style-type: none"> <li>Multiples, factors, prime and square numbers</li> <li>Multiply and divide by 10, 100 and 1,000.</li> </ul>
Number: Fractions (4 weeks)	<ul style="list-style-type: none"> <li>Find equivalent fractions</li> <li>Convert improper fraction to mixed numbers and vice versa</li> <li>Compare and order fractions less than and greater than 1</li> <li>Add and subtract fractions.</li> </ul>

### Fluency

Alex has shown that  $\frac{1}{3}$  is equivalent to  $\frac{6}{18}$



Show that the fractions are equivalent.

$$\frac{1}{3} = \frac{5}{15} \quad \frac{1}{5} = \frac{4}{20} \quad \frac{1}{2} = \frac{8}{16}$$

Here is a date written in Roman numerals.

XXI / IX / MMXV

What day of the month is shown?

What month is shown?

What year is shown?

### Reasoning

All the children in a class eat  $\frac{1}{3}$  of a pizza at a party.

Altogether, they eat  $8\frac{2}{3}$  pizzas.

How many children are there in the class?



Work out the missing numbers.

	Add 10	Add 100	Add 1,000
7,516			
			5,209
		6,025	
	3,001		

### How you can help

Ensure your child know:

- times tables and associated division facts up to 12 x 12.
- how to tell the time using a both an analogue and digital clock

[www.trockstars.com](http://www.trockstars.com) - can be used to learn and revise times tables and division facts.