



Maths Fluency Year 3

Aut 1	Aut 2	Spring 1	Spring 2	Summer 1	Summer 2
Introduce Q 1 and 2	Introduce Q 3,4,5,6,7,8	Introduce Q 9,10, 11, 12, 13	Consolidate Q 1-13	Introduce Q 14-16	Consolidate Q 1-16

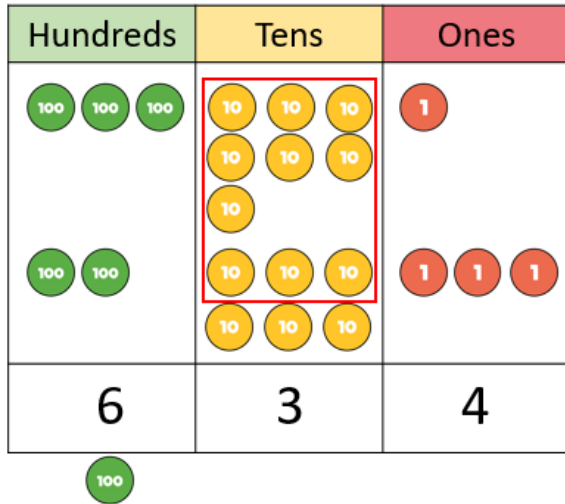
1	<p>Addend plus addend equals the sum</p> <p>+ increase ↑</p> <p>Use your place value knowledge. The hundreds column will increase</p> <table border="1"><thead><tr><th>H</th><th>T</th><th>O</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table>	H	T	O				2	<p>Minuend minus subtrahend is equal to the difference</p> <p>- decrease ↓</p> <p>Use your place value knowledge. The hundreds column will decrease</p> <table border="1"><thead><tr><th>H</th><th>T</th><th>O</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table>	H	T	O			
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3	<p>Addend plus addend equals the sum</p> <p>$504 + 90 = 594$</p> <p>The 10s column will increase by 9</p>	4	<p>Minuend minus subtrahend is equal to the difference</p> <p>$564 - 50 = 514$</p> <p>The 10s column will decrease by 5</p>												



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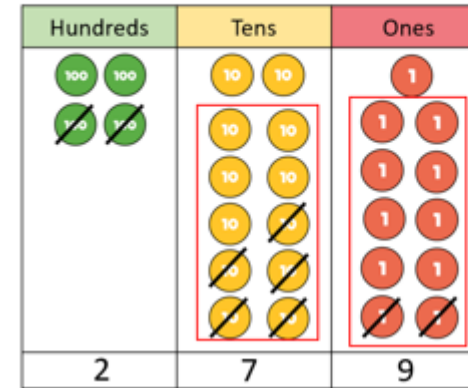
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5	<p>Addend plus addend equals the sum</p> $752 + 200 = 952$ <p>The 100s column will increase by 2</p> <table border="1"><thead><tr><th>H</th><th>T</th><th>O</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table>	H	T	O				6	<p>Minuend minus subtrahend is equal to the difference</p> $564 - 300 = 264$ <p>The 10s column will decrease by 3</p> <table border="1"><thead><tr><th>H</th><th>T</th><th>O</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table>	H	T	O			
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7	<p>Addend plus addend equals the sum</p> <p>When adding, if the (ones/ tens/ hundreds) is equal to (10/ 100/ 1,000 etc), we must regroup to the column on the left.</p> <p>Larger number first Start with the Ones Larger than 9 carry under the line</p>	8	<p>Minuend minus subtrahend is equal to the difference</p> <p>If we cannot subtract, we must exchange from the column to the left.</p> <p>Larger number first Start with the Ones Top number smaller than bottom number Knock next door to exchange a ten</p>												

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	H	T	O
	3	7	1
+	2	6	3
	6	3	4
	1		

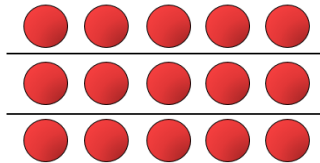
$$531 - 252 = 279$$



	H	T	O
	5	3	1
-	2	5	2
	2	7	9

9 ___ lots of ___ make

There are ___ rows of ___ that makes _____



There are 3 rows of 5

$$\underline{5} + \underline{5} + \underline{5} = \underline{15}$$

$$\underline{3} \times \underline{5} = \underline{15}$$

10 How many lots of the divisor go into the dividend?

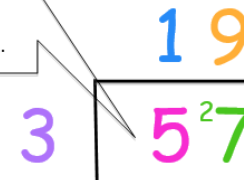
$$57 \div 3 = 19$$

How many times does 3 go into 5?

It goes into 5 once and has a remainder of 2.

How many times does 3 go into 27?

It goes into 27 nine times and has no remainder.



11 ___ lots of ___ make

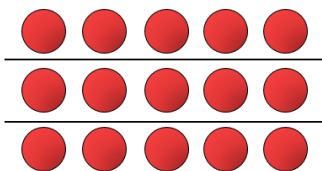
There are ___ rows of ___ that makes _____

12 ___ lots of ___ make

There are ___ rows of ___ that makes _____



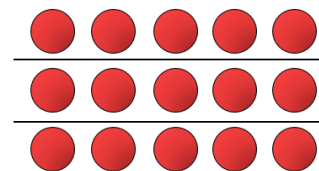
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There are 3 rows of 5

$$\underline{5} + \underline{5} + \underline{5} = \underline{15}$$

$$\underline{3} \times \underline{5} = \underline{15}$$



There are 3 rows of 5

$$\underline{5} + \underline{5} + \underline{5} = \underline{15}$$

$$\underline{3} \times \underline{5} = \underline{15}$$

13 How many lots of the divisor go into the dividend?

$$57 \div 3 = 19$$

How many times does 3 go into 5?

It goes into 5 once and has a remainder of 2.

$$\begin{array}{r} 19 \\ 3 \overline{) 57} \end{array}$$

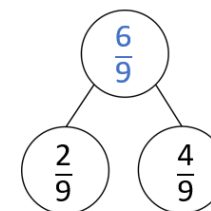
How many times does 3 go into 27?

It goes into 27 nine times and has no remainder.

14 Denominator is the same it stays the same

Add the numerators

$$\frac{2}{9} + \frac{4}{9} = \frac{6}{9}$$



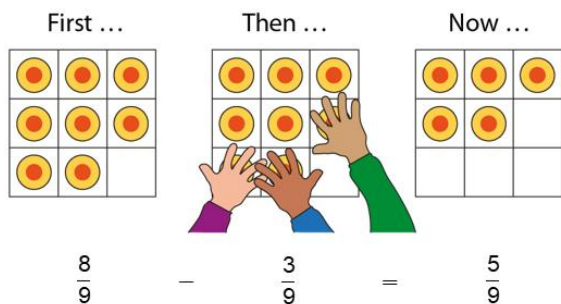


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15

Denominator is the same it stays the same

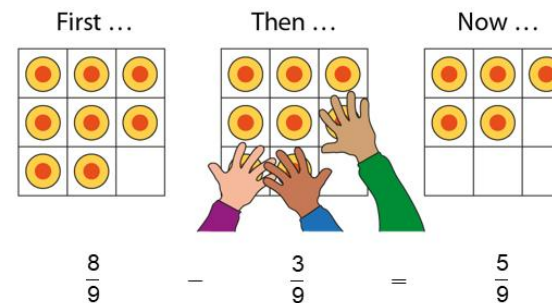
Subtract the numerators



16

Denominator is the same it stays the same

Subtract the numerators



- <https://mathsbot.com/primary/year3Mini>
- <https://vimeo.com/911532990>