

Year 3 Calculation Expectations

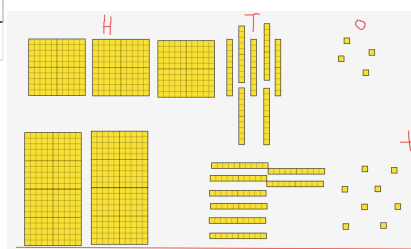
2x 3x 4x 5x 8x 10x

Addition

- Add up to 3 digits using the column method
- Estimate and use inverse operations
- Solve problems

H	T	O	
3	7	4	+
4	8	8	
8	6	2	
1	1		

	862	
374		488

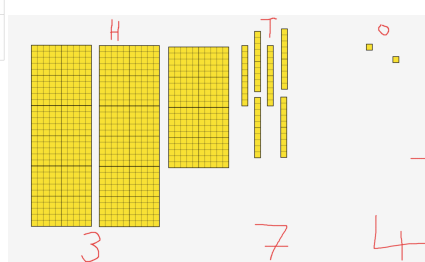


Subtraction

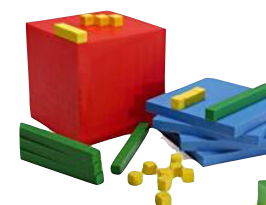
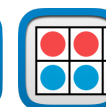
- Subtract up to 3 digits using the column method
- Estimate and use inverse operations
- Solve problems

H	T	O	
7	15	12	-
3	7	4	
4	8	8	

	862	
374		488

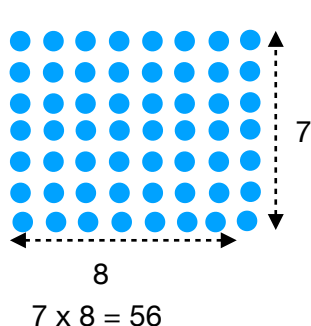


Resources



Multiplication

- write and calculate two-digit numbers times one-digit numbers progressing to formal written methods
- solve positive integer scaling problems where n objects are connected to m objects.



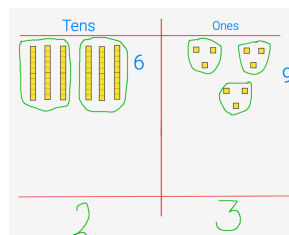
x	90	3
4	360	21

H	T	O	
	9	3	x
		4	
3	7	2	
3	1		

$$\begin{array}{r} 360+ \\ 21 \\ \hline 381 \end{array}$$

Division

- write and calculate mathematical statements for division using the multiplication tables progressing to formal written methods



$$69 \div 3 = 23$$

Language

Hundreds

Tens

Ones

Integer

Discrete

Exchange

Place holder

Multiplier

Unit/non-unit

Digit

Multiples

More/less

Negative

Compare

Round

Roman

Numerals

Estimation

Column/ar

Operations

Scaling

Commutative

Distributive

Equivalent

Convert

Money

Analogue

Digital

Discrete

Continuous

Translations

Perimeter

Duration

Horizontal

Vertical

Parallel