

## Activity 1 - Partition

### Steps to Success

- ★ Read the calculation
- ★ Partition the multiplicand.
- ★ Divide any tens or hundreds to get units, e.g.  $500 \div 100 = 5$
- ★ Multiply the numbers.
- ★ For T and H numbers, multiply again by the number you divided
- ★ Add the numbers together.

5	2	3	x	3								
5	0	0	÷	1	0	0	=	5	x	3	=	15
	1	5	x	1	0	0	=	1,5	0	0		
	2	0	÷	1	0		=	2	x	3	=	6
		6	x	1	0		=	6	0			
		3	x	3	=	9						
										1,5	0	0
											6	0
											+	9
				5	2	3	x	3	=	1,5	6	9

### Calculate the following:

- a.  $13 \times 2 =$
- b.  $17 \times 3 =$
- c.  $26 \times 5 =$
- d.  $146 \times 4 =$

## Activity 2 - Grid Method

### Steps to Success

- ★ Read the calculation
- ★ Partition the multiplicand.
- ★ Place partitioned numbers in the grid in the correct place value column.
- ★ Multiply the numbers.
- ★ For bigger numbers, divide to make into ones and then multiply back after.
- ★ Add the numbers together.

3	4	1	x	5					
x	3	0	0	4	0	1			
5	1	5	0	0	2	0	0	5	
		1	5	0	0				
			2	0	0				
					5				
					1	7	0	5	

### Calculate the following:

- $31 \times 2 =$
- $46 \times 3 =$
- $68 \times 5 =$
- $352 \times 4 =$

### Challenge 1

There are 15 children  
Each child has 3 sweets.  
How many sweets altogether?

Use of the methods to help you answer  
the question.

### Challenge 2

If  $25 \times 4 = 100$ , which number sentence will help me find  $25 \times 5$ ? Explain how you know.

- $25 \times 4 + 4$
- $25 \times 4 + 25$
- $100 + 4$
- $25 + 100$