

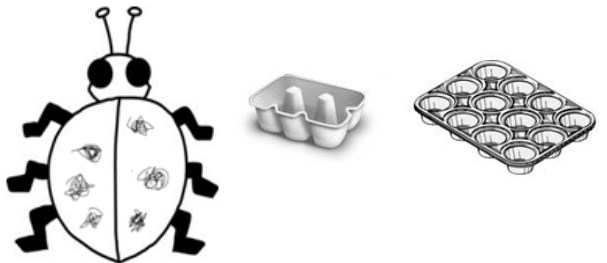
**Reception:**

Children will look at doubling and may draw a picture or jotting to show this.



**Year 1:**

Children look at real life examples and record through drawings or jottings.

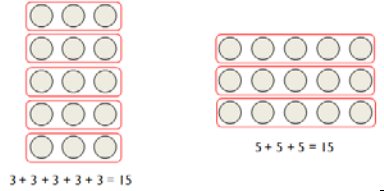


**Year 2:**

Children will use counters and draw groups of to multiply.

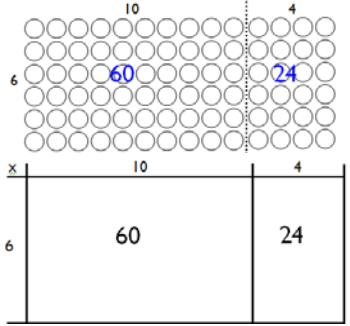


This can then be rearranged into an array.



**Year 3:**

Children continue to use arrays before moving on to the grid method.



**Multiplication**

Twice times  
groups of per  
double **X** each  
equal groups multiply  
altogether

**Year 4:**

Children will continue to use the grid method for two digit and three digit numbers multiplied by on digit number.

$346 \times 8$

x	300	40	6
8	2400	320	48

$2400$   
 $+ 320$   
 $+ 48$   

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 $2768$

$79 \times 8$

x	70	9
8	560	72

$560$   
 $+ 72$   

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 $632$

**Year 5:**

Grid method continues to be used with higher numbers.

$2693 \times 24$

x	2000	600	90	3
20	40000	12000	1800	60
4	8000	2400	360	12

$40000$   
 $+ 8000$   
 $+ 12000$   
 $+ 2400$   
 $+ 1800$   
 $+ 360$   
 $+ 60$   
 $+ 12$   

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 $64632$

**Year 6:**

Grid method continues to be used with decimals.

$4.92 \times 3$

x	4	0.9	0.02
3	12	2.7	0.06

$12$   
 $+ 2.7$   
 $+ 0.06$   

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 $14.76$