

# Package 8

## Overview

Note: Your child will benefit from this package if they are unable to answer any of the pre-lesson questions.

### Lesson 1:

#### **Developing multiplication facts (x2 & x5) alongside concept of common multiples**

Required prior knowledge: Multiplication facts and concepts (x2, 3, 4, 5)

### Lesson 2:

#### **Developing multiplication recall (x8 & x9)**

Required prior knowledge: Multiplication facts and concepts (x2, 3, 4, 5, 6, 7)

### Lesson 3:

#### **Long Multiplication process (not regrouping)**

Required prior knowledge: Able to recall all no. facts with reasonable automacity  
Understand multiplication concept

### Lesson 4:

#### **Long Multiplication process (with regrouping)**

Required prior knowledge: Able to recall all no. facts with reasonable automacity  
Understanding of grouping concept

# Place Value with Multiplication

## Package 8, lesson 1

### Recall (x6 & x7) alongside concept of common multiples

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Can your child recall x6 facts automatically?</p> <p>Question: Ask your child to recall dictated x6 facts out of order</p> <p>ANS: Are they automatic (quick) at recall?</p>	Yes/no	
<p>Can your child recall x7 facts automatically?</p> <p>Question: Ask your child to recall dictated x7 facts out of order</p> <p>ANS: Are they automatic (quick) at recall?</p>	Yes/no	
<p>Does your child know what common multiples are?</p> <p>Question: Ask your child to state the common multiples of 2 &amp; 3</p> <p>ANS: 6, 12, 18, 24 (do they know what a common multiple is?)</p>	Yes/no	

## What does this lesson teach?

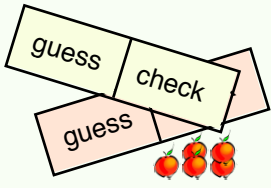
### This lesson will teach your child to:

- Skip count and recall x6 and x7 facts.
- Understand and identify common multiples.
- Solve problems.

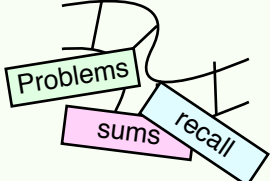
### What is included?

A detailed plan that clearly explains Math language & process

Guess & check cards  
x6 & x7



Game  
x6 & 7  
Consolidation



# Place Value with Multiplication

## Package 8, lesson 2 Develop multiplication recall (x8 & x9)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Can your child recall x8 facts automatically (do they recognize turnarounds)</p> <p>Question: Ask your child to recall several dictated x8 facts out of order ANS: Is recall automatic (quick)?</p>	Yes/no	
<p>Can your child recall x9 facts automatically (do they recognize turnarounds)</p> <p>Question: Ask your child to recall several x9 facts out of order. ANS: Is recall automatic (quick)?</p>	Yes/no	
<p>Does your child recognize when to use multiplication to solve a problem?</p> <p>Question: Ask your child to state when multiplication may be used during a shopping trip. ANS: When buying items that cost equal amounts</p>	Yes/no	

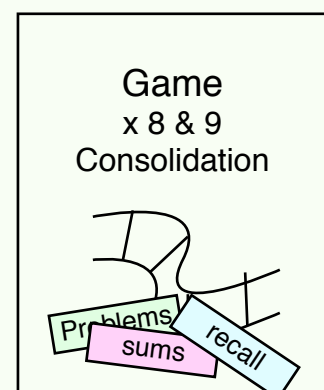
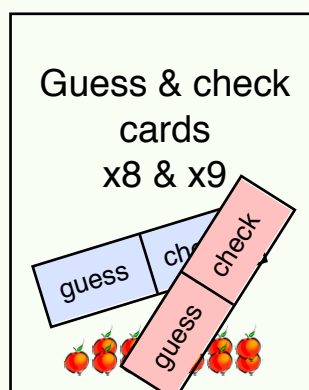
### What does this lesson teach?

This lesson will teach your child to:

Skip count and recall x8 and x9 facts. Apply this to problem solving. Find common multiples.

### What is included?

A detailed plan that clearly explains Math language & process



# Place Value with Multiplication

## Package 8, lesson 3

### Long Multiplication process (no regrouping)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child recall all number facts with reasonable automaticity? Question: Ask your child various number facts - particularly x 6, 7, 8, 9 ANS: Are they automatic (quick) at recall?	Yes/no	
Can your child multiply a 3 digit number with a 2 digit number? Question: Ask your child to multiply 324 x 12 (Dictate) ANS: 3888 (do they understand the process?)	Yes/no	

## What does this lesson teach?

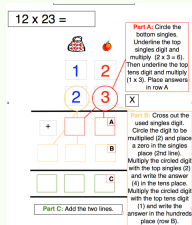
This lesson will teach your child to:

Understand and complete long multiplication sums.  
Consolidate recall of number facts.

## What is included?

A detailed plan that clearly explains Math language & process

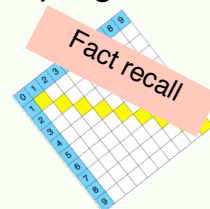
Visual Example



Practice templates



Record of progress



# Place Value with Multiplication

## Package 8, lesson 4 Long Multiplication process (with regrouping)

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Can your child multiply a 3 digit number with a 2 digit number, regrouping and adding on correctly?</p> <p>Question: Ask your child to multiply <math>698 \times 67</math> ANS: 46 766 (do they regroup and add on without confusion?)</p>	Yes/no	
<p>Does your child recognize and apply square number facts</p> <p>Question: Ask your child 6, 7, 8, 9 squared ANS: 36, 49, 64, 81 (does your child know what a square number is?)</p>	Yes/no	

### What does this lesson teach?

This lesson will teach your child to:

Complete long multiplication sums that require digits to be moved to the next place value.

### What is included?

A detailed plan that clearly explains Math language & process

Visual reminder



'Beat my number'

consolidation game



square no. activities

