

Package 16



Overview

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

Lesson 1:

Fraction Concept - reading fractions with understanding

Required prior knowledge: Concept of division (splitting into groups)

Lesson 2:

Fractions in different contexts

Required prior knowledge: Splitting and grouping concept

Lesson 3:

Fractions as mixed numbers

Required prior knowledge: Understanding of fractions in different contexts (number lines, partitioned shapes, quantities)

Lesson 4:


Consolidating mixed numbers and improper fractions

Required prior knowledge: Mixed number concepts

Fractions

Package 16, lesson 1

Fraction Concept - reading fractions with understanding

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Can your child write fractions for half, quarter and third? Question: Draw 3 circles. Shade 3 quarters, 2 thirds and half. Can your child write the fractions to describe these amounts? ANS: Can they write the fractions independently?</p>	Yes/no	
<p>Can your child read the denominator (bottom number of a fraction) with understanding? Question: Draw a rectangle for your child (not split into parts). Write $\frac{2}{5}$. Ask your child to shade this amount. ANS:  Does your child make 5 parts?</p>	Yes/no	
<p>Does your child understand that the denominator is related to division? Question: What is $\frac{1}{4}$ of 8? ANS: $8 \div 4 = 2$ (Do they split 8 into 4 parts?)</p>	Yes/no	

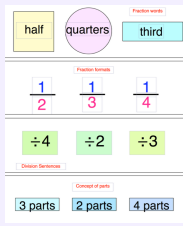
What does this lesson teach?

This lesson will teach your child to:
 Understand the meaning of the digits that make up fractions.

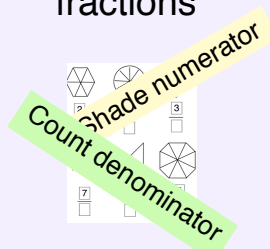
What is included?

A lesson plan
 explaining:
Math language
 &
sequence of
teaching

Matching activity




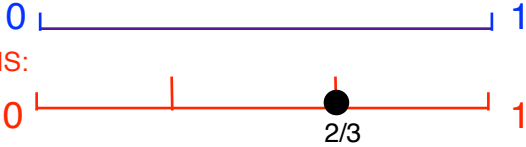

'Reading' fractions



Fractions

Package 16, lesson 2

Reading fractions in different contexts

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Can your child describe partitioned shapes?</p> <p>Question:  Copy this illustration. Ask your child to write a fraction to show how much is shaded.</p> <p>ANS: 4/9 (Can your child write the numerator and denominator correctly?)</p>	Yes/no	
<p>Can your child draw a number line and identify the position 2/3?</p> <p>Question: Draw a line. Ask your child to show 2/3</p> <p></p> <p>ANS: </p>	Yes/no	
<p>Can your child shade a fraction of an amount?</p> <p>Question: Draw 15 circles. Ask your child to shade 2/3 of the circles.</p> <p>ANS: Does your child shade 6 circles? (break 15 into 3 groups and shade the contents of 2 groups)</p>	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

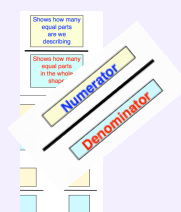
Recognise the different contexts that fractions can be used
(partitioning of whole shapes, breaking up number lines, describing part of a collection)

What is included?

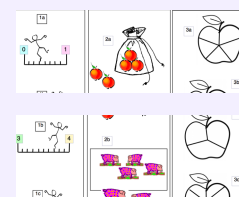
A lesson plan
explaining:

Math language
&
sequence of
teaching

Colour coded
templates




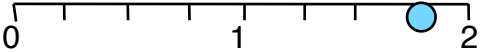
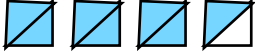
Fractions in
different contexts



Fractions

Package 16, lesson 3

Understanding 'mixed number' fractions

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
<p>Can your child write a mixed number to describe partitioned shapes?</p> <p>Question: Draw the shapes and ask your child to write the fraction to show how much is shaded.</p>  <p>ANS: $2\frac{1}{2}$</p>	Yes/no	
<p>Can your child use a mixed number to describe the position on a number line?</p> <p>Question: Draw this number line. ask your child to describe the position of the blue dot using a mixed number.</p>  <p>ANS: $1\frac{3}{4}$</p>	Yes/no	
<p>Can your child describe an amount as an improper fraction?</p> <p>Question: Ask your child to write the improper fraction to describe the amount shown</p> <p>ANS: $7/2$</p> 	Yes/no	

What does this lesson teach?

This lesson will teach your child to:

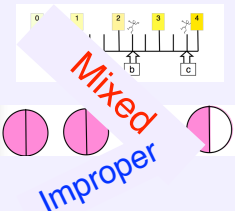
Understand and visualise mixed numbers in different contexts
(number lines and partitioned shapes)

What is included?

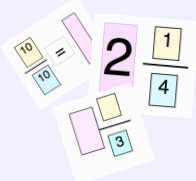
A lesson plan
explaining:

Math language & sequence of teaching

Illustrating concepts



Showing understanding



Fractions

Package 16, lesson 4

Consolidate Mixed numbers and improper fractions

Pre-lesson questions (does your child need this package?)	Correct response?	Post-lesson observations (has your child gained the skills?)
Can your child change an improper fraction to a mixed number? Question: What is $\frac{5}{4}$ as a mixed number? ANS: $1\frac{1}{4}$	Yes/no	
Can your child change $3\frac{3}{4}$ to an improper fraction? Question: What is $3\frac{3}{4}$ as an improper fraction? ANS: $\frac{15}{2}$	Yes/no	
Does your child understand the meaning of the digits making up mixed numbers? Question: How many equal parts are in $3\frac{1}{3}$? ANS: 10	Yes/no	

What does this lesson teach?

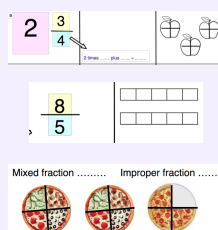
This lesson will teach your child to:
Describe amounts using mixed numbers and improper fractions.

What is included?

A lesson plan
explaining:

Math language
&
sequence of teaching

Illustrations,
practical activities



Consolidation
Game

