

Subtraction

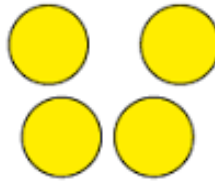
Key Objective

Show an interest in number problems.

Subtract practically without number sentence

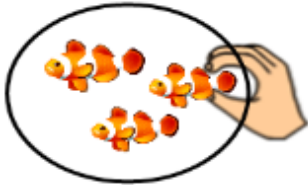
1

Counting one set to find a total



2

Subtraction using objects



3

Subtraction using pictures



Key Vocabulary

less, subtract, how many more, how many fewer, less than, most, least, count back, how many left?

Nursery

Subtraction

Key Objective

Subtract numbers with up to three digits, using the formal written method of columnar subtraction.

Expanded column subtraction

1

TO – TO
(no exchanging)

$$\begin{array}{r} 30 + 4 \\ - 20 + 3 \\ \hline 10 + 1 \end{array}$$

2

TO – TO
(exchanging)

$$\begin{array}{r} 50 \\ \cancel{60} + 15 \\ - 30 + 7 \\ \hline 20 + 8 \end{array}$$

3

HTO – HTO
(exchanging)

$$\begin{array}{r} 200 + 150 \\ \cancel{300} + \cancel{60} + 15 \\ - 100 + 80 + 7 \\ \hline 100 + 70 + 8 \end{array}$$

Compact column subtraction

4

No exchanging

$$\begin{array}{r} 365 \\ - 123 \\ \hline 242 \end{array}$$

5

Exchanging

$$\begin{array}{r} 3\overset{5}{0}5 \\ - 247 \\ \hline 115 \end{array}$$

Key Vocabulary

equal to, take, take away, less, minus, subtract, leaves, distance between, how many more, how many fewer, less than, most, least, count back, how many left, how much less is...? Count on, strategy, partition, tens, ones, exchange, decrease, hundreds, value, digit.

Year 3

Subtraction

Key Objective

Subtract whole numbers with more than 4 digits, including using the formal written method of columnar subtraction.

Compact column subtraction

1

Increasingly large numbers

		⁴ 5	¹¹ 2	³ 4	5	6
Add place holder	-	0	3	7	2	8 4
		4	8	5	1	7 2

2

Subtracting decimals with mixed amount of digits

	2	5.4	⁷ 8	⁰ 0		
-		7 2.3	5	7		
		5 3.1	2	3		

Key Vocabulary

equal to, take, take away, less, minus, subtract, leaves, distance between, how many more, how many fewer, less than, most, least, count back, how many left, how much less is...? Count on, strategy, partition, tens, ones, exchange, decrease, hundreds, value, digit, inverse, tenths, hundredths, thousandths, decimal place, decimal.

Year 6