Addition: finding the total by combining two or more numbers/amounts.

| Early skills | Visual <br> representations | Mental <br> calculations | Written <br> calculations | Noticing |
| :---: | :---: | :---: | :---: | :---: |




## Partitioning



| Vocabulary |
| :--- |
| Add |
| Total |
| Sum |
| Altogether |
| More |
| More than? |
| Plus |
| Increase |
| How many more? |
| Double |
| Inverse |
|  |

## Compensation/constant <br> difference

$138+59$ could be changed to $137+$ 60

Subtraction: taking away or finding the difference.

| Early skills | Visual <br> representations | Mental <br> calculations | Written <br> calculations | Noticing |
| :---: | :---: | :---: | :---: | :---: |

## 



## Vocabulary

Subtract
Take away
Difference
Leave
Fewer than?
Minus
Decrease
How many left?
Halve
Half
Inverse

```
Compensation/constant
difference
119 - 89 could be changed to 120-
90
```

Multiplication: repeated addition or scaling.

| Early skills | Visual <br> representations | Mental <br> calculations | Written <br> calculations | Noticing |
| :---: | :---: | :---: | :---: | :---: |

Division: grouping or sharing.

| Early skills | Visual <br> representations | Mental <br> calculations | Written <br> calculations | Noticing |
| :---: | :---: | :---: | :---: | :---: |

## Vocabulary

Divide Division
Factor
Halve
Share
Group
Divided by
Divided into
Divisible by
Remainder
Left over
Quotient
Inverse


## Using multiples and factors <br> Use multiples to solve 222/3 Use factors to solve 96/6

[^0]
[^0]:    Using multiples and factors
    Use multiples to solve $30 \times 700$ Use factors to solve $18 \times 20$

