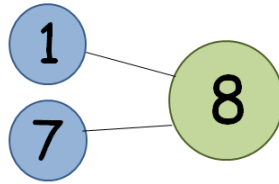


Key Vocabulary

Addition and Subtraction



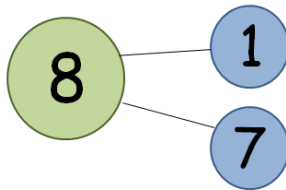
$$1 + 7 = 8$$

addend addend sum

Addition Stem Sentences

An addend is a number being added.

The sum is the total of the addends.



$$8 - 1 = 7$$

minuend subtrahend difference

Subtraction Stem Sentences

A minuend is a number from which a subtrahend is to be subtracted.

A subtrahend is a number to be subtracted from a minuend.

The difference is the result of subtracting a subtrahend from a minuend.

Multiplication and Division



The multiplicand is 3.

The multiplier is 2.

$$2 \times 3 = 6$$



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The multiplier is 3.

$$3 \times 2 = 6$$

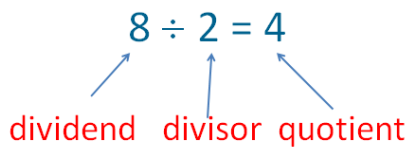
Multiplication Stem Sentences

The multiplicand is the size of one group.

The multiplier is the number of groups.

The product is the result of multiplying.

Key vocabulary



Division involves both equal sharing and grouping.

$$6 \div 3 = 2$$

6 Easter eggs are shared between 3 children. How many eggs do they get each?



Sharing between three

There are 6 Easter eggs. How many children could have 3 eggs each?



Grouping in threes

Division Stem Sentences

The dividend is the number that is divided.

The divisor is the number we are dividing by.

The quotient is the result of a division.

When dividing, we either...

- know how many groups there are and need to find the size of each group
- or
- know the size of each group and need to find the number of groups.

Size of groups unknown...

60			
?	?	?	?

4 children go to the cinema. They each pay £60 altogether. How much do they spend each?

Number of groups unknown...

60	
15	

Tickets to the cinema are £15. Some children buy tickets that cost £60. How many children bought tickets?