

Year 3 Parakeets

Maths

Spring 1



Multiplication and Division

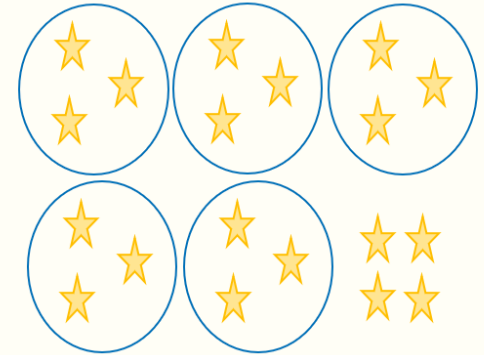
Length and Perimeter

$$19 \div 5 = 3 \text{ R } 4 = 3\frac{4}{5}$$

Remainder

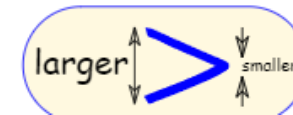
In this example the remainder is 4.

When 15 is put into 5 groups we can put three in each group. The four counters left over cannot be shared in all five groups so are what remains (left over).



Key Vocabulary	Definition
Array	An array is an orderly arrangement (often in rows and columns) that is most used as a visual tool for demonstrating multiplication and division.
Calculation	One of the four operations: addition, subtracting, division and multiplication.
Conversion	To change a value or expression from one form to another.
Digit	A single symbol used to make a numeral. 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9 are the ten digits we use in our daily lives.
Equal	Exactly the same amount or value: four and four is equal to six and two.
Exchange	An exchange is when a value is changed for example
Greater than	Bigger. The symbol > means greater than.
Less than	Smaller. The symbol < means less than.
Number	A symbol or name that stands for a number; it is made up of one or more digits.
Partition	This is when a number is split into parts. Example: 32 can be partitioned into 3 tens and 2 ones.
Perimeter	The distance around a two-dimensional shape. Example: the perimeter of this rectangle is $3+7+3+7 = 20$.
Place value	The value of where a digit is in the number. An example: In 352, the 5 is in the "tens" place, so its place value is 10.
Related	Applying a simpler mathematical calculation to solve others. Example 3×4 is 12 so 30×4 is 120.
Remainder	An amount left over after division (happens when the first number does not divide exactly by the other).
Scale	The ratio of the length in a drawing (or model) to the length on the real thing.
Systematically	It is according to a fixed plan or system; methodically.

A number/ numeral is made from one or more digits. The value of each digit is determined by its place value.



numeral
153
digit digit digit

Perimeter

The distance around a two-dimensional shape.
Example: the perimeter of this rectangle is $3+7+3+7 = 20$.

