

YR1 PLACE VALUE WITHIN 20 KNOWLEDGE ORGANISER

Key Concepts

- Count to twenty, forwards and backwards, beginning at any number.
- Read and write numbers to 20 in numerals and words.
- Find one more and one less than numbers up to 20.
- Represent numbers up to 20 using objects and pictorial representations.
- Compare and order numbers to 20

Key Vocabulary

- Number line
- Part-whole model
- Tens frame
- More than
- Less than
- Fewer than
- Equal to
- Most/Least
- Total
- Count
- Numeral



11	12	13	14	15
eleven	twelve	thirteen	fourteen	fifteen
16	17	18	19	20
sixteen	seventeen	eighteen	nineteen	twenty



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Counting Forwards and Backwards



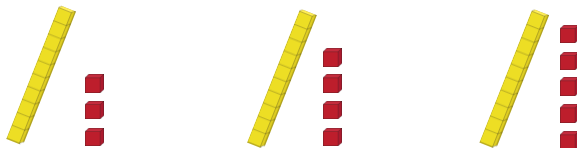
Count on and back to find the missing numbers.



One More and One Less



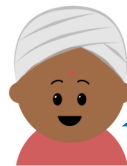
Remember that we are looking at the **ones**, the tens digit does not change!



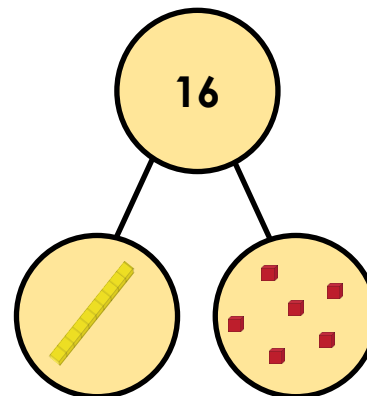
One more than 14 is _____.

_____ is one less than 14.

Tens and Ones



Each number 11-20 has a ten and some ones.



The whole is _____.

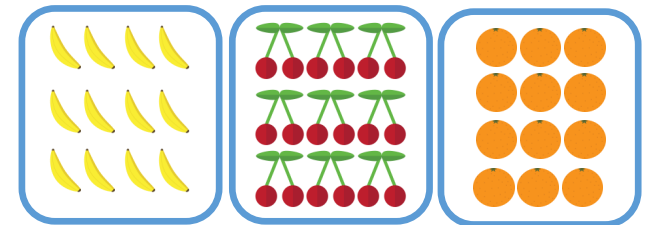
One part is _____.

The other part is _____.



There is one ten and six ones in sixteen.

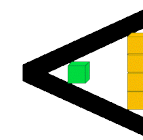
Comparing Objects and Numbers



There are **more** cherries than bananas.

There are **less/fewer** oranges than cherries.

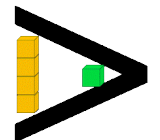
The bananas are **equal to** the oranges.



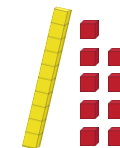
Less than



Equal to

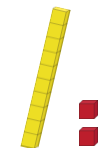


Greater than



19

>



12



Nineteen is greater than twelve. By how many ones?

