## Maths

## Number and Place Value

## Need a coherently planned sequence of lessons to complement this resource?



## Number and Place Value


 www.regentstudies.com

## Ordering Numbers

## Aim

- To order numbers up to 1000 .


## Success Criteria

- I can use place value to compare numbers ready to order.
- I can order numbers up to 1000 from smallest to largest.
- I can order numbers up to 1000 from largest to smallest.


## Remember

Choose numbers and comparing words/phrases to make comparing sentences. One has been done for you.


## Comparing and Ordering we can partition thenumbers.

## Comparing and Ordering Nıimhers

When ordering numbers, we use the same technique of comparing the place value of the digits in each number.


741


404

Razia puts these numbers in order from smallest to largest. Do you agree with how she has ordered them?

Explain why or why not.


404 414

## Comparing and Ordering Numbers


smallest

largest

Razia has ordered these numbers correctly. She has compared the value of each digit in each number.

- 14 has 1 tens and 4 ones.
- 44 has 4 tens and 4 ones.
- 404 has 4 hundreds, 0 tens and 4 ones.

- 414 has 4 hundreds, 1 ten and 4 ones.
- 741 has 7 hundreds, 4 tens and 1 one.


## Comparing

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Razia puts these numbers in order from largest to smallest. Do you agree with how she has ordered them?



Razia has not ordered these numbers correctly.

- 916 has 9 hundreds, 1 ten and 6 ones.
- 921 has 9 hundreds, 2 tens and 1 one.
- 693 has 6 hundreds, 9 ten and 3 ones.
- 326 has 3 hundreds, 2 tens and 6 ones.
- 321 has $\mathbf{3}$ hundreds, 2 tens and 1 one.

The first two numbers need to change places. They both have the same number of hundreds, but 916 has 1 ten and 921 has 2 tens.

## Odd One

Here is a number sequence that goes from smallest to largest. Which numbers are in the wrong place? Where should they go?

## 284, 483, 482, 593, 893

## 284, 482, 483, 593, 893

## Odd One

Here is a number sequence that goes from smallest to largest. Which numbers are in the wrong place? Where should they go?

## 584, 586, 702, 938, 902

## 584, 586, 702, 902, 938

## Odd One

Here is a number sequence that goes from smallest to largest. Which number is in the wrong place? Where should it go?

## 563, 572, 777, 578, 589

## 563, 572, 578, 589, 777

## Odd One

Here is a number sequence that goes from largest to smallest. Which number is in the wrong place? Where should it go?

## 813, 773, 938, 237, 173

## 938, 813, 773, 237, 173

## Odd One

Here is a number sequence that goes from largest to smallest. Which number is in the wrong place? Where should it go?

## 573, 512, 277, 478, 289

## 573, 512, 478, 289, 277

## Odd One

Here is a number sequence that goes from largest to smallest. Which numbers are in the wrong place? Where should they go?

## 430, 403, 393, 399, 292

## 430, 403, 399, 393, 292

## Tell Me a



Dive in by completing your own activity!


## LO



Who would like to read some of the jokes from their activity sheet?


## LO

I am going to split the class into six groups and give each group a number. I will then roll a dice. Members from the rolled number group will give feedback on their activity.


Were there any calculations I found easy and why?


How could I prove that I have met the learning objective?

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