

Maths Number and Place Value

Maths | Number and Place Value | Recognise Place Value | Lesson 2 of 3: Partitioning

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

 And the stand and the stand the stand and the stand and the stand and the stand and the	Lessen Alm: To read and write numbers to 100 in numerals and words.	Bead and write numbers to 100 in numerals. Partition Voc-digit numbers in the tes and ones. Provide nimple explanations of mathematical concepts.	using a range of representations. • Compare numbers using <> and - signs. • Order numbers up to 100. • Read and write numbers to at least 100 and in words.	Position and Direction			m Solving and ent Methods	Measurement: Time	Measuren and	Measurement: Mass, Capacity and Temperature		Investigations	
And with Runders to Bit and winds many more that and winds to Bit and winds many more that and with and the state that and winds that and the state that and the		different ways. Say one more or one less than a given number up to 100. Compare numbers using the language 'more than,' less that and legal to 50 in words.	any number. Know the value of the tens and ones in a two-digit number. Partition two-digit numbers into combinations of tens and ones. I dentify, represent and estimate two-digit	Spring	Number: Multiplication and Division	Statistics Geor		netry: Properties of Shape	Na	Number: Fractions		Measuroment: ength and Height	Consolidation
Below is our suggestion for the most endowed and will be ben be estimates. The will describe their skills	Constraints of the second	Investigating terms and once and moving on to more complexic partitioning. Children will identify and reprisent munices in offerent ways and will be provide the advected in the state of the state in contrary in states and learn to tend and write markets up to 100 in muneratis and words. Children will problem and purposed. These learness include Diving into Mattery cards which include frame, maxing and problem and purposed. These learness include Diving into Mattery cards which include frame, maxing and problem and purposed. These learness include Diving into Mattery cards which include frame, maxing and problem and purposed. These learness include Diving into Mattery cards which include frame, maxing and addition to your standard mather resources you will need: colouring pencils, bearbags, masking tage, chick and paper clips.		The who stop: Yea	Week 1 Week 2	Week 3 We	nit Maths to show i ke full use of the re rek 4 Week	the most coherent and programs to the second	ressive sequence to unit Maths. Wheneve ek 7 Week 8	leach each area i r poissible, lossou Week 9	Week 10	Week 11	

See our Number and Place Value Steps to Progression document.

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Aim

• To partition numbers into tens and ones.

Success Criteria

- I can say what the value of each digit in a two-digit number is.
- I can write two-digit numbers as tens and ones.
- I can write two-digit numbers in the expanded form.
- I can show two-digit numbers as tens and ones using equipment.

Remember It



What should come next? How do you know?



Remember It



What should come next? What wouldn't come next?



Remember It



What should come next? Explain your answer.





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We can show the number 42 in lots of different ways.



Splitting a number up like this is called partitioning.



When we partition a two-digit number, we can split the numbers into tens and ones.

We can use partitioning to help us represent numbers in addition and subtraction equations.





Can you partition this number and represent it as addition and subtraction equations?



$$30 + 9 = 399 + 30 = 3939 = 30 + 939 = 9 + 3039 - 30 = 939 - 9 = 309 = 39 - 30$$

30 = 39 - 9

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Can you partition this number and represent it as addition and subtraction equations?





Can you partition this number and represent it as addition and subtraction equations?





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We know that 42 has 4 tens and 2 ones.



We know we can write it out like this:



When we show the tens and ones like this, it is called the expanded form.



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Can you write the following number using the expanded form?







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Can you write the following number using the expanded form?







Can you write the following numbers using the expanded form?



Partitioning Activity

Can you complete the Partition Two-Digit Numbers Activity Sheet?



Diving into Mastery

Dive in by completing your own activity!

















Can you find the missing numbers using these clues?



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