

2-DIGIT PLACE VALUE TALKS

Discussion slides to explore multiple representations, nearness & flexible thinking

Did you show 42 in any of these ways?

10s	1s
4	2

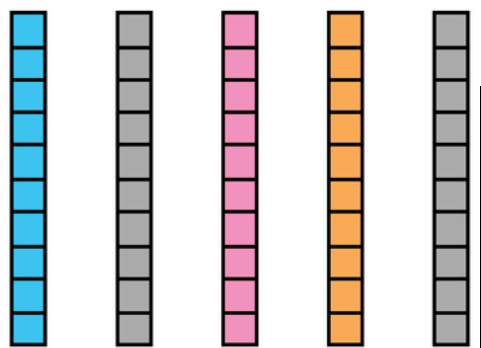
10s	1s
2	22

Do these two place value charts represent the same number? Justify your answer.

10s	1s
3	12

10s	1s
3	5

What number is represented?

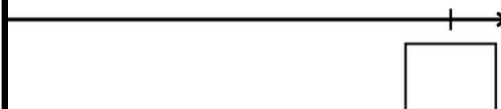


30	5
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Let's round 57 to the nearest 10.

Which tens is 57 close to?
 What is the midpoint between those two tens?
 Where does 57 belong on the number line?

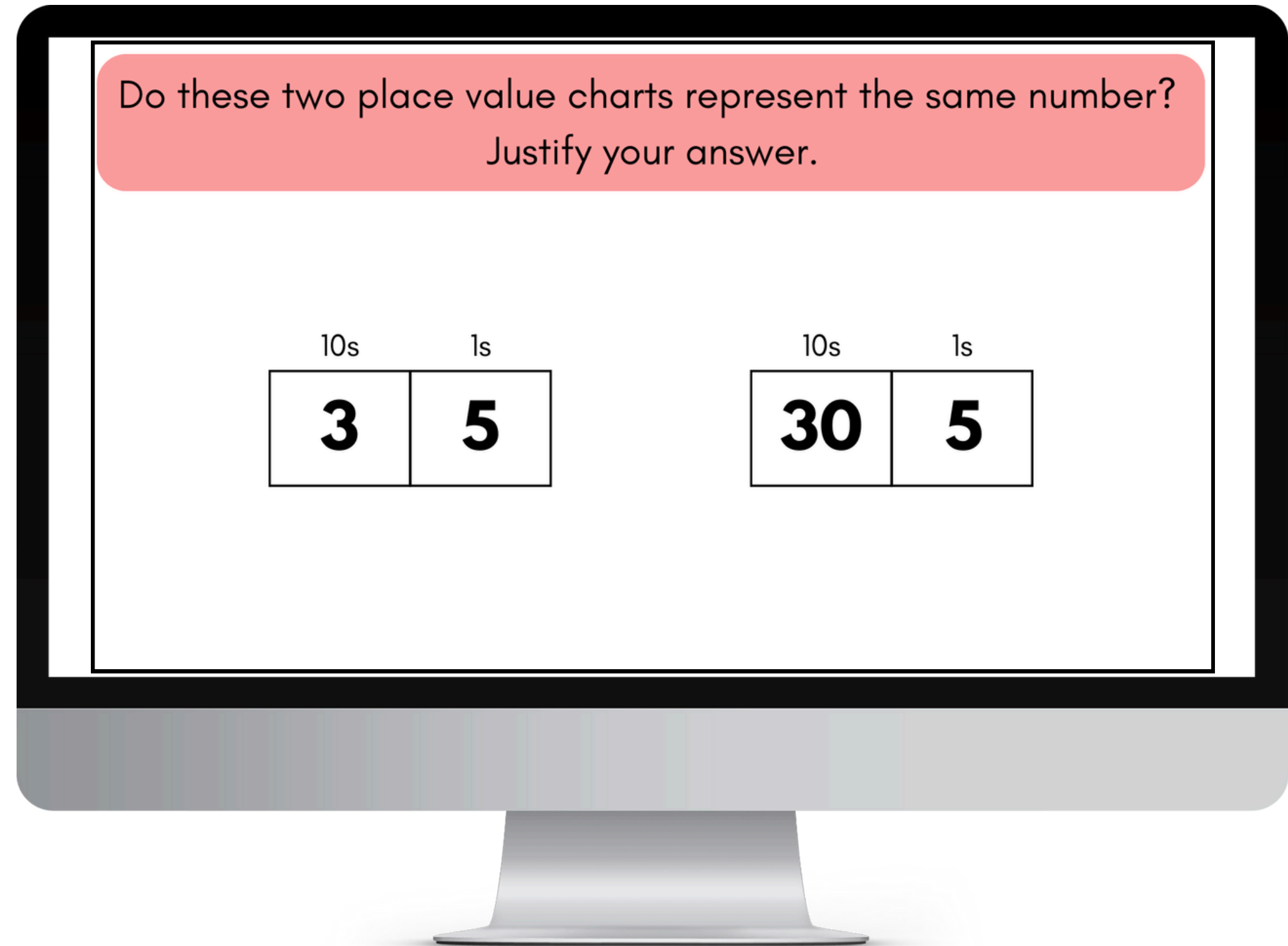
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



A 100 chart is one way to visualize how far 57 is from 30. What other visuals could we use?

Place value should be more than simply identifying digits!

Let's get our students thinking deeply about place value concepts!



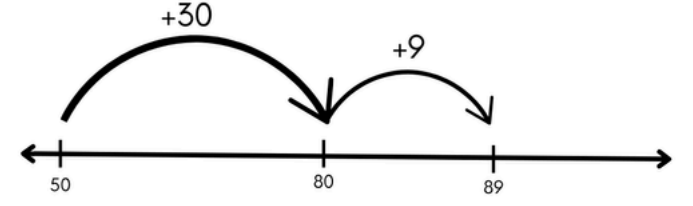
These place value talks are designed to emphasize flexible thinking and deep understanding.

Your students will work with place value in a variety of different ways so that their understanding goes beyond simple digit identification.



Did you use any of these ideas to figure out how close 50 is to 89? Or did you do something different?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86				
91	92	93	94	95	96				

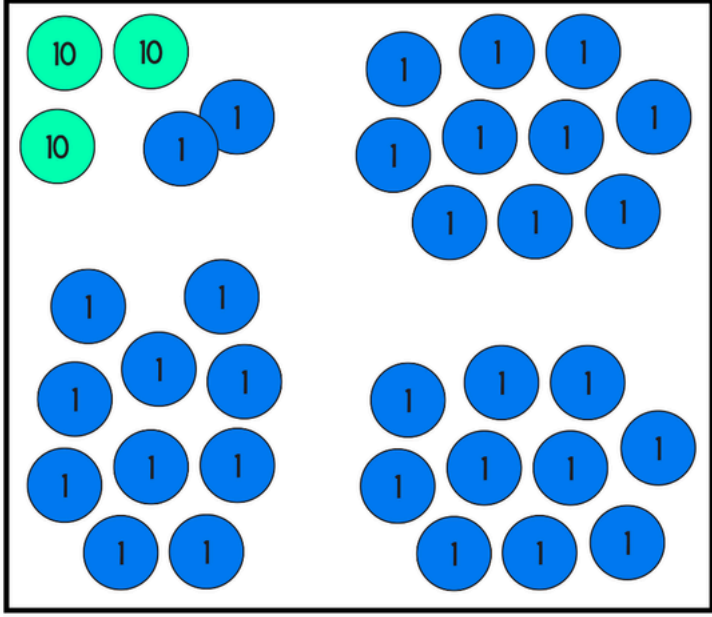
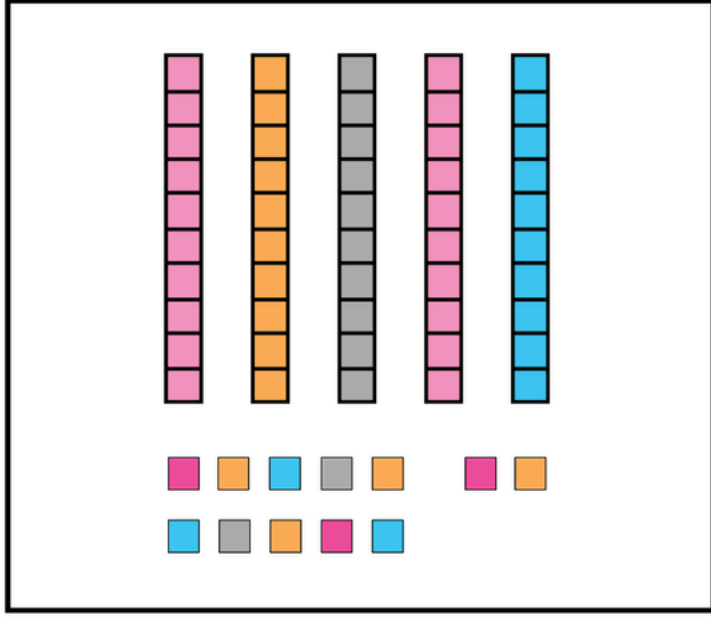


89-50=39

A 100 chart is one way

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
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51	52	53	54	55	56	57	58	59	60
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71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Did you build it like this? Or did you do something different?

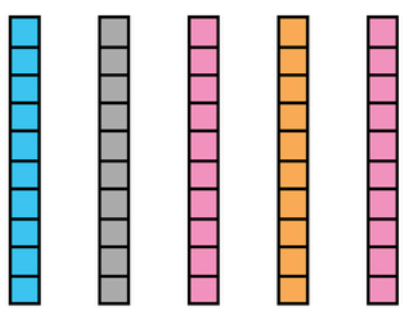


For each place value talk, students will be taken through a progression of 8-10 slides.

These slides are designed to help students build their knowledge in a scaffolded way and provide prompts to make your discussion seamless.

Here's an example of one place value talk.

What number is represented?



How could we put 71 into the place value chart?

10s	1s

Is there another way to show 71?

Did you show 71 in any of these ways?

10s	1s
7	1

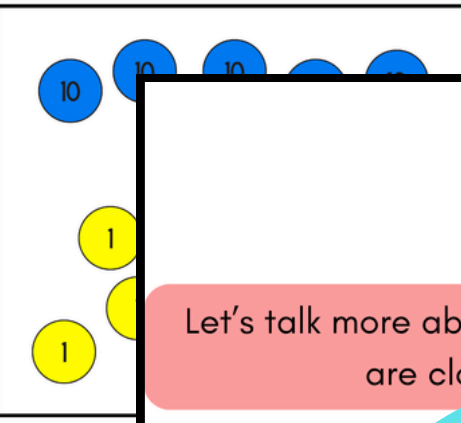
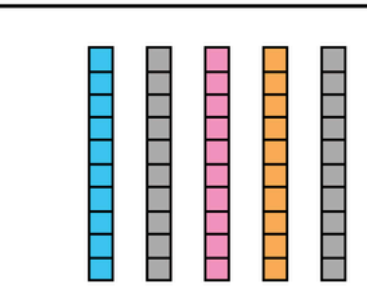
10s	1s
5	21

10s	1s
3	41

10s	1s
1	61

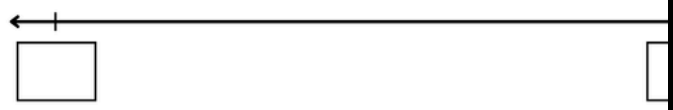
Are there different ways to build 71?

Did you build it like this? Or did you do something different?

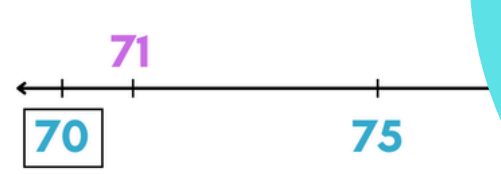


Let's round 71 to the nearest 10.

Which tens is 71 close to?
What is the midpoint between those two tens?
Where does 71 belong on the number line?



Does your number line look like this?



Let's talk more about 71. What are some other numbers close to 71? How close are they?

Includes place value talks for **20** days

Ready to incorporate
flexibility and **true**
understanding into your
place value instruction
this year?



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Did you show 42 in any of these ways?

10s	1s	10s	1s
4	2	3	12
10s	1s		
2	22		

Do these two place value charts represent the same number? Justify your answer.

10s	1s
3	5

What number is represented?

30 5

Let's round 57 to the nearest 10.

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A 100 chart is one way to visualize how far 57 is from 50. What other visuals could we use?

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SHELLEY GRAY