|  |  |  |
| --- | --- | --- |
| eleven  twelve  thirteen  fourteen  fifteen  sixteen  seventeen  eighteen  nineteen | ten  twenty  thirty  forty  fifty  sixty  seventy  eighty  ninety | one  two  three  four  five  six  seven  eight  nine |

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

###### I know that \_\_\_\_\_\_\_ goes in this space because

number

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 |  |  | 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 |  |  |  |  |  | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 |  | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 |  | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 |  |  | 88 | 89 |  |
|  | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

###### I know that \_\_\_\_\_\_\_ goes in this space because

number

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

###### I know that \_\_\_\_\_\_\_ goes in this space because

number

­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

###### 

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of item Estimate tens & ones Actual tens & ones

|  |  |  |
| --- | --- | --- |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Tens Ones \_\_\_\_ | Tens Ones \_\_\_\_\_ |
| Write number word: | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Tens Ones \_\_\_\_ | Tens Ones \_\_\_\_\_ |
| Write number word: | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Tens Ones \_\_\_\_ | Tens Ones \_\_\_\_\_ |
| Write number word: | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Tens Ones \_\_\_\_ | Tens Ones \_\_\_\_\_ |
| Write number word: | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Tens Ones \_\_\_\_ | Tens Ones \_\_\_\_\_ |
| Write number word: | | |



## 



### 



## Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I used \_\_\_\_\_\_\_\_\_\_\_\_\_\_s to measure.

type of manipulative

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shape \_\_\_ I estimate it will be \_\_\_\_\_\_.

letter

I found out it was \_\_\_\_\_\_\_\_.

Number \_\_\_\_ Number word: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shape \_\_\_ I estimate it will be \_\_\_\_\_\_.

letter

I found out it was \_\_\_\_\_\_\_\_.

Number \_\_\_\_ Number word: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shape \_\_\_ I estimate it will be \_\_\_\_\_\_.

letter

I found out it was \_\_\_\_\_\_\_\_.

Number \_\_\_\_ Number word: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Shape \_\_\_ I estimate it will be \_\_\_\_\_\_.

letter

# *I found out it was \_\_\_\_\_\_\_.*

# *Number \_\_\_\_ Number word: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

## Teacher Note: This interview is to be used throughout the unit to gather information on students’ understanding of place value to determine which students need more instruction.

Place 33 loose linking cubes all the same color in front of the student. These are the

questions or instructions for the student being interviewed:.

How many cubes do you think are in this pile?

1. Number less than 20 or more than 50
2. Number between 20 and 40

Please put these in piles or sticks of tens and ones.

0 Can not complete the task

1 Completes the task

Do you know how many there are altogether?

1. Begins to count by ones or says no/can’t
2. Counts 10, 20, 30, 31, 32, 33. Answers 33

If student does not know the answer to the above question, ask:

“Can you count them by tens?”

1. No or says 10, 20, 30, 40
2. Counts 10, 20, 30, 31, 32, 33

#### Scoring Rubric for Place Value Interview

3 or 4 - Student demonstrates understanding of counting tens and ones

2 or 1 - Student does not seem to understand the concept of counting tens and

ones and needs to be targeted for more instruction.

*Teacher Note: Provide the student with a number to use.*

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1) \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*number tens ones number word*

2) \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*number tens ones number word*

3) \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*number tens ones number word*

4) \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*number tens ones number word*

5) \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*number tens ones number word*

6) \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*number tens ones number word*

7) \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*number tens ones number word*

|  |  |
| --- | --- |
| Points | Name Date |
| 3 | Student meets all of the objectives of the project. |
| 2 | Student meets many, but not all of the objectives of the project. |
| 1 | Student meets some of the objectives of the project. |
| 0 | Student does not seem to understand the concept. |