# Reasoning and Problem Solving Step 4: Comparing Numbers 2 

## National Curriculum Objectives:

Mathematics Year 1: (1N4) Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least

## Differentiation:

Questions 1, 4 and 7 (Problem Solving)
Developing Put the two circled numbers into the correct place to make the statement correct. Comparing numbers within 50 and multiples of 5 . Numerals only.
Expected Put the two circled numbers into the correct place to make the statement correct. Comparing numbers within 100. Numerals only.
Greater Depth Put the three circled numbers into the correct place to make the statement correct. Comparing numbers within 100. Including numerals and words.

Questions 2, 5 and 8 (Reasoning)
Developing Explain which child got the highest or the lowest score and why. Comparing 2 children and numbers are multiples of 5 . Using numbers within 50 . Numerals only.
Expected Explain which child got the highest or the lowest score and why. Comparing 2 children. Using numbers within 100. Numerals only.
Greater Depth Explain which child got the highest or the lowest score and why. Comparing 3 children. Using numbers within 100. Including numerals and words.

Questions 3, 6 and 9 (Problem Solving)
Developing Use the digit cards to make the statement correct. 3 digit cards and 1 number already given.
Expected Use the digit cards to make the statement correct. 4 digit cards.
Greater Depth Use the digit cards to make the statement correct. 6 digit cards and using 2 more than or less than signs.

## More Year 1 Place Value resources.

Did you like this resource? Don't forget to review it on our website.

1a．Two numbers are circled．Put one number into each box to make the statement correct．

| 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 | 30 |

$\square$

2a．Catherine and Albie both do a reading test．


## Catherine

I got 25 questions correct．
Who got the highest score？ Explain why．

Albie

3a．Use the digit cards to make the statement correct．

You can not use a card more than once．
How many ways can you find？


|  |  | $>$ | 3 |  |
| :--- | :--- | :--- | :--- | :--- |

1b．Two numbers are circled．Put one number into each box to make the statement correct．

| 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 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

2b．Anton and Darcie both do a phonics test．


3b．Use the digit cards to make the statement correct．

You can not use a card more than once．
How many ways can you find？


| 5 |  | $<$ |  |  |
| :--- | :--- | :--- | :--- | :--- |

局

4a. Two numbers are circled. Put one number into each box to make the statement correct.

| 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 |


|  | $<$ |  |
| :--- | :--- | :--- |

5a. Stefan and Abigail both do a maths test.


Abigail
I got 82 questions correct.
Who got the highest score?
Explain why.

4b. Two numbers are circled. Put one number into each box to make the statement correct.

| 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 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

5b. Suzanna and Asha both do a spelling test.


## Suzanna

I got 59 questions correct.
Who got the lowest score?
Explain why.
Asha

6b. Use the digit cards to make the statement correct.

You can not use a card more than once.
Find at least 4 different ways.


R
classroomsecrets.co.uk

## Comparing Numbers 2

7a. Three numbers are circled. Put one number into each box to make the statement correct.

| 65 | sixty-six | Sixty-seven | 68 | Sixty-nine |
| :---: | :---: | :---: | :---: | :---: |
| Seventy | Seventy- <br> one | 72 | Seventy- <br> three | 74 |
| Seventy- <br> five | 76 | 77 | Seventy- <br> eight | Seventy- <br> nine |


|  | $>$ |  | $<$ |  |
| :--- | :--- | :--- | :--- | :--- |

8a. Harris, Edith and Reena do a maths test.


Who got the lowest score?
Explain why.

9a. Use the digit cards to make the statement correct.

You can not use a card more than once.
Find at least 4 different ways.
10406508

|  |  | $>$ |  | $<$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

7b. Three numbers are circled. Put one number into each box to make the statement correct.

| Seventy- <br> four | 75 | 76 | Seventy- <br> seven | 78 |
| :---: | :---: | :---: | :---: | :---: |
| Eighty | Eighty-one | 82 | 83 | Eighty-four |
| 85 | Eighty-six | 87 | Eighty- <br> eight | 89 |



8b. Pablo, Kai and Poppy do a reading test.


Who got the highest score?
Explain why.

9b. Use the digit cards to make the statement correct.

You can not use a card more than once.
Find at least 4 different ways.

|  |  | $<$ |  |  | $<$ |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

classroomsecrets.co.uk
Reasoning and Problem Solving - Comparing Numbers 2 - Year 1 Greater Depth

## Reasoning and Problem Solving Comparing Numbers 2

## Reasoning and Problem Solving Comparing Numbers 2

## Developing

1a. $23>18$
2a. Catherine got the highest score because 3 tens is more than 2 tens.
$3 a .41>30$ or $40>31$

## Expected

4a. 64 < 73
5a. Stefan got the highest score because 8 tens is more than 7 tens.
6a. Various possible answers, including: 23
$<79,23<97,27<39,27<93,29<73,37$ $<92,39<72$

## Greater Depth

7a. $76>$ Sixty-six < 74 or $74>$ Sixty-six $<76$
8a. Harris got the lowest score because 4 tens is less than 5 tens.
9a. Various possible answers, including: 68 > $14<50,68>40<51,85>60<14,65>$ $41<80,80>46<51$

## Developing

1b. $31<47$
2b. Darcie got the lowest score because 3 tens is less than 4 tens.
3b. $53<64$ or $54<63$

## Expected

4b. $61>53$
5b. Asha got the lowest score because 5 tens is less than 6 tens.
6b. Various possible answers, including: 67 > $10,60>17,70>61,70>16,76>10,71>$ 60

## Greater Depth

7b. 89 > eighty > 76
8b. Poppy got the highest score because 7 tens is more than 6 tens and 7 ones is more than 6 ones.
9b. Various possible answers, including: 24 < 52 < 76,24 < $52<67,27<54<62,24$ < $65<72,26<27<54$

