Name: _____ Date: _____

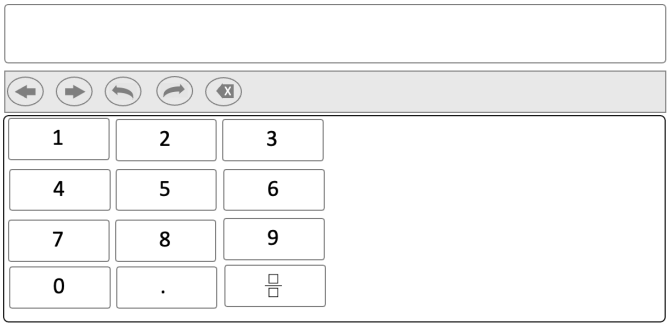
MA.4.NSO.I.1

Show What You Know (Page 1)

1 Michelle writes the number 15,743. Jason thinks of a number where value of the digit 7 in his number is 10 times greater than the value of the digit 7 in Michelle's number. Which of the follow could be Jason's number?

Ⓐ 15,437
Ⓑ 15,473
Ⓒ 17,543
Ⓓ 71,543

2 Create a number where the value of the digit 3 is $\frac{1}{10}$ the value of the digit 3 in 4,321.



3 Which of the following shows a number where the digit 8 is 10 times less than the value of the 8 in 913,812?

Ⓐ 913,128
Ⓑ 913,281
Ⓒ 913,812
Ⓓ 913,218

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MA.4.NSO.I.1

Show What You Know (Page 2)

4 Select all statements that are true.

- ❑ The value of the digit 4 in 4,180 is 10 times less than the value of the digit 4 in 41,280.
- ❑ The value of the digit 6 in 20,618 is 10 times greater than the value of the digit 6 in 20,186.
- ❑ The value of the digit 9 in 90 is 10 times greater than the value of the digit 9 in 900.
- ❑ The value of the digit 7 in 713,940 is 10 times greater than the value of the digit 7 in 71,394.

5 Kyle reads 1,568 pages this month. Next month, he wants to set a goal where the value of the digit 6 is ten times greater. He says if he reads 1,586 pages, he will meet his goal.

Fill in the blanks to make the statement true.

Kyle is [⇕] because [⇕]

correct
incorrect

the digit 6 in 1,586 is ten times less than the digit 6 in 1,568.

the digit 6 in 1,586 is ten times greater than the digit 6 in 1,568.

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