Name: ANSWER KEY Date: _____

MA.5.NSO.I.1

Show What You Know (Page 1)

1 0.15 is $\frac{1}{100}$ the value of which number?

Ⓐ 0.015
Ⓑ 1.5
Ⓒ 15
Ⓓ 150

$0.15 = \frac{1}{100} \times 15$

2 Select if the statements below are true or false.

	True	False
0.487 is ten times less than 48.7.	☐	☑
48.7 is one-hundred times greater than 0.487.	☑	☐
4.87 is $\frac{1}{1000}$ of 4,870.	☑	☐

3 Which of the following shows a number where the digit 8 is 100 times less than the value of the 8 in 913,182?

Ⓐ 913.28
Ⓑ 913.81
Ⓒ 913,821
Ⓓ 918,123

913,182.

100 times less

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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 100 times greater than the value of the digit 6 in 20,186.
- ☐ The value of the digit 9 in 90 is $\frac{1}{100}$ the value of the digit 9 in 900.
- ☐ The value of the digit 7 in 713,940 is 100 times greater than the value of the digit 7 in 71,394.

5 Fill in the blanks to make the statements true.

When 159 is multiplied by 100, the value of the 9 changes from [⇕]
- 9 ones
- 9 tens
- 9 hundreds

to [⇕] because the digits shift [⇕] place(s)

- 9 tens
- 9 hundreds
- 9 thousands

- one
- two
- three

to the [⇕].

- left
- right