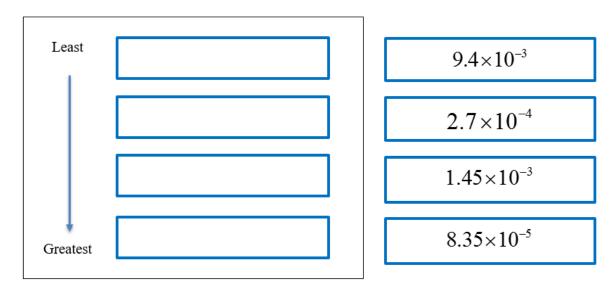
2016 Mathematics Standards of Learning Algebra Readiness Formative Assessment

7.1b

1. Put the following numbers in order from least to greatest.



2. Write 31 million, 4 hundred and fifty-two thousand in standard form. Then, convert the number into scientific notation.

Standard Form

Scientific Notation

3. Circle all of the numbers that make the inequality statement true.

$$3.5 \times 10^3 <$$
 $< 7.4 \times 10^6$

$$1.85 \times 10^4$$

$$5.3 \times 10^{2}$$

$$5.3 \times 10^2$$
 4.12×10^3

$$6.4 \times 10^7$$

$$3.2 \times 10^{3}$$

$$9.87 \times 10^5$$
 7.4×10^4

$$7.4 \times 10^{4}$$

$$8.1 \times 10^{6}$$

2016 Mathematics Standards of Learning Algebra Readiness Formative Assessment

- 4. What is 0.00000283 written in scientific notation?
 - A. 2.83×10^{-8}
 - B. 2.83×10^{-6}
 - C. 2.83×10^6
 - D. 2.83×10^8
- 5. Which list of numbers is written in descending order?
- A. $3.29 \times 10^4, 5.2 \times 10^2, 7.1 \times 10^4$
- B. 5.2×10^2 , 3.29×10^4 , 7.1×10^4
- C. $7.1 \times 10^4, 5.2 \times 10^2, 3.29 \times 10^4$
- D. $7.1 \times 10^4, 3.29 \times 10^4, 5.2 \times 10^2$