Answer Key for Unit 2 Pre-Test

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#	Standard	Type	Correct
1	CCSS-MATH 8 EE.1	1 point SM	**A & B & C**
2	CCSS-MATH 8 EE.1 CA-MATH 7 NS 2.3	1 point SO	**D**
3	CCSS-MATH 8 EE.1 CA-MATH 7 NS 2.3	1 point SO	**D**
4	CCSS-MATH 8 EE.1 CA-MATH A1 A1 2.0	1 point SO	**D**
5	CCSS-MATH 8 EE.1 CA-MATH A1 A1 2.0	1 point SO	**C**
6	CCSS-MATH 8 EE.3	1 point CR	**0/1 ***
7	CCSS-MATH 8 EE.3	1 point CR	**0/1 ***
8	CCSS-MATH 8 EE.3	1 point SO	**C**
9	CCSS-MATH 8 EE.3	1 point SO	**B**

#	Standard	Type	Correct
10	CCSS-MATH 8 EE.3	1 point SM	**D & E**
11	CCSS-MATH 8 EE.4	2 point CR	**0/1/2 ***
12	CCSS-MATH 8 EE.4	1 point SM	**B & C & E**
13	CCSS-MATH 8 EE.4 CA-MATH 7 NS 1.1	1 point SO	**B**
14	CCSS-MATH 8 EE.4 CA-MATH 7 NS 1.1	1 point SO	**B**
15	CCSS-MATH 8 EE.4	1 point SM	**B**
16	CCSS-MATH 8 NS.1	1 point SM	**B & D & E**
17	CCSS-MATH 8 NS.2	1 point SM	**D & F**

SM — Selected Response, multiple correct responses	**SO** — Selected Response, single correct response	**CR** — Constructed Response	***** — Teacher-scored; See scoring guide

#6 CCSS-MATH 8 EE.3

Score 1

Correct

1 Point Example

2×10^6

Score 0

Incorrect

#7 CCSS-MATH 8 EE.3

Score 1

Correct

1 Point Example

Any number between 12 and 13 inclusive.

Score 0

Incorrect

#11 CCSS-MATH 8 EE.4

Score 2

The student demonstrates a thorough understanding of computing with numbers written in scientific notation. The student knows how to subtract and divide with numbers written in scientific notation.

2 Point Example

Part A:

2.9999966×10^8 meters per second

Part B:

8.82×10^5 meters per second

Score 1

The student demonstrates a partial understanding how to compute with numbers written in scientific notation. The student answers either Part A or Part B correct.

Score 0

The student demonstrates limited or no understanding how to compute with numbers written in scientific notation. The student does not answer any part correctly.