

Name _____

Date _____

Homework NS-5: Comparing Scientific Notation Worksheet

Homeroom _____

1. Place the following numbers in order from least to greatest:

7.8×10^6 , 5.1×10^4 , 1.25×10^5 , 4.09×10^4

2. Which of the following numbers is the least?

- a. 7×10^8 b. 7×10^9
c. 7.1×10^8 d. 7.1×10^9

3. Which number is the greatest?

- a. 5.25×10^5 b. 5.55×10^5
c. 2.55×10^5 d. 5×10^5

The diameter of the planet Mercury is 4.87×10^3 kilometers. The diameter of the planet Venus is 1.21×10^4 kilometers. The diameter of Earth is 1.28×10^4 kilometers. The diameter of Mars is 6.79×10^3 kilometers. Which planet has the smallest diameter?

- a. Mercury b. Venus
c. Earth d. Mars

5. Order the following from greatest to least:

5×10^3 , 3.2×10^8 , 1.2×10^8 , 7×10^5

6. Which of these numbers is the least?

- a. 3.5×10^7 b. 3×10^7
c. 5×10^7 d. 5.5×10^7

7. Which of these numbers is the greatest?

- a. 9×10^9 b. 9×10^8
c. 8×10^9 d. 8×10^8

8. Order the following from least to greatest:

6.8×10^6 , 6×10^6 , 6.6×10^6 , 6.1×10^6

9. Which of these numbers is the greatest?

- a. 5.406×10^8 b. 5.604×10^9
c. 5.504×10^7 d. 6.504×10^8

10. Which of these numbers is the least?

- a. 9×10^4 b. 1.2×10^5
c. 3.01×10^9 d. 1.901×10^4