

1. Express in  
Standard Notation:

$$5.32 \times 10^5$$

2. Express in  
Standard Notation:


$$5 \times 10^{-6}$$

3. Express in  
Standard Notation:

$$7.9 \times 10^3$$

4. Express in  
Standard Notation:

$$2.23 \times 10^{-1}$$



5. Express  
123,000  
in Scientific Notation

6. Express  
0.0000473  
in Scientific Notation

7. Express  
0.00902  
in Scientific Notation

8. Express  
5,708,000  
in Scientific Notation

9. There are  $2 \times 10^{11}$  stars in the Andromeda Galaxy.

Express this number in Standard notation.

10. The center of the moon is  $2.389 \times 10^5$  miles away from the center of Earth.

Express this number in Standard notation.

11. The temperature of the Sun's core is about  $2.7 \times 10^7$  degrees Fahrenheit.

Express this number in Standard notation.

12. Venus has an iron core that is approximately 3,000 km in radius.

Express this number in Scientific Notation.

13. A Planck length, the smallest possible length in the universe, is considered to be  $1.6 \times 10^{-35}$  meters.

Express this number in Standard notation.

14. Express in Scientific Notation:

567,000,000

15. Express in Standard Notation:

$8.3 \times 10^{-7}$

16. Express in Standard Notation:

$5.81 \times 10^4$

17. If you weighed 70 lbs. on Jupiter, you would weigh  $1.85 \times 10^2$  on Jupiter.

Express in Standard notation.

18. Wind speeds in the upper atmosphere of Saturn can reach speeds of  $1.1 \times 10^3$  mph near its equator.

Express in Standard notation.

19. Express in Scientific Notation:  
5,600,000,000

20. Express in Standard Notation:  
 $4 \times 10^{-6}$

# Scientific Notation Task Cards

CCSS: 8.EE.A.4

Record your answer to each task card.

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

1.	6.	11.	16.
2.	7.	12.	17.
3.	8.	13.	18.
4.	9.	14.	19.
5.	10.	15.	20.