

**Read, write, and compare rational numbers in scientific notation (positive and negative powers of 10) with approximate numbers using scientific notation. 7NS1.1**

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1. The radius of the earth's orbit is 150,000,000,000 meters. What is this number in scientific notation?

A  $1.5 \times 10^{-11}$   
B  $1.5 \times 10^{11}$   
C  $15 \times 10^{10}$   
D  $150 \times 10^9$

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2.  $3.6 \times 10^2 =$

A 3.600  
B 36  
C 360  
D 3,600