

Name: _____ Date: _____

SCIENTIFIC NOTATION IN OUTER SPACE!

Mass of the Planets	
Planet	Mass
Mercury	3.30×10^{23}
Venus	4.87×10^{24}
Earth	5.97×10^{24}
Mars	6.42×10^{23}
Jupiter	1.90×10^{27}
Saturn	5.69×10^{26}
Uranus	8.68×10^{25}
Neptune	1.02×10^{26}

Source: NASA

1. What is the mass of Earth in standard form?
2. What is the mass of Neptune in standard form?
3. Order the mass of Jupiter, Mars and Mercury in order from least to greatest.
4. The mass of the Sun is about 1.99×10^{30} . What is this number in standard form?