

**EduSahara™ Learning Center Assignment**

**Grade** : Class VIII, CBSE  
**Chapter** : Exponents and Powers  
**Name** : Representing Numbers in Standard Form  
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1. Write the given number in usual form  $7.299415 \times 10^{12}$

- (i) 7299415000000 (ii) 72994150000000 (iii) 72994150000  
(iv) 729941500000 (v) 7299415000000000
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2. Write the given number in usual form  $3.621964 \times 10^{-4}$

- (i) 0.03621964 (ii) 0.000003621964 (iii) 0.003621964  
(iv) 0.00003621964 (v) 0.0003621964
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3. Write the given number in usual form  $-5.528272 \times 10^{11}$

- (i) -552827200000 (ii) -55282720000 (iii) -5528272000  
(iv) -55282720000000 (v) -5528272000000
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4. Write the given number in usual form -8.713836

- (i) -0.08713836 (ii) -87.13835999999999 (iii) -8.713836  
(iv) -871.38359999999989 (v) -0.8713836
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5. Represent the given large number in scientific form 21871930000

- (i)  $2.187193 \times 10^8$  (ii)  $2.187193 \times 10^9$   
(iii)  $2.187193 \times 10^{12}$  (iv)  $2.187193 \times 10^{10}$   
(v)  $2.187193 \times 10^{11}$
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6. Represent the given small number in scientific form 0.0005576771

- (i)  $5.576771 \times 10^{-6}$  (ii)  $5.576771 \times 10^{-4}$

$$(iii) 5.576771 \times 10^{-2} \quad (iv) 5.576771 \times 10^{-3}$$

$$(v) 5.576771 \times 10^{-5}$$

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7. Represent the given large number in scientific form -575508000

$$(i) -5.75508 \times 10^{10} \quad (ii) -5.75508 \times 10^9$$

$$(iii) -5.75508 \times 10^7 \quad (iv) -5.75508 \times 10^8$$

$$(v) -5.75508 \times 10^6$$

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8. Represent the given small number in scientific form -0.0003095781

$$(i) -3.095781 \times 10^{-3} \quad (ii) -3.095781 \times 10^{-5}$$

$$(iii) -3.095781 \times 10^{-4} \quad (iv) -3.095781 \times 10^{-2}$$

$$(v) -3.095781 \times 10^{-6}$$

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9. Represent the given large number in standard form  $44928900 \times 10^6$

$$(i) 4.49289 \times 10^{13} \quad (ii) 4.49289 \times 10^{11}$$

$$(iii) 4.49289 \times 10^{15} \quad (iv) 4.49289 \times 10^{14}$$

$$(v) 4.49289 \times 10^{12}$$

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10. Represent the given small number in standard form  $3.327303 \times 10^{-8}$

$$(i) 3.327303 \times 10^{-10} \quad (ii) 3.327303 \times 10^{-9}$$

$$(iii) 3.327303 \times 10^{-8} \quad (iv) 3.327303 \times 10^{-7}$$

$$(v) 3.327303 \times 10^{-6}$$

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11. Represent the given large number in standard form  $-98543960000 \times 10^4$

$$(i) -9.854396 \times 10^{16} \quad (ii) -9.854396 \times 10^{14}$$

$$(iii) -9.854396 \times 10^{13} \quad (iv) -9.854396 \times 10^{15}$$

$$(v) -9.854396 \times 10^{12}$$

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12. Represent the given small number in standard form  $-0.07904401 \times 10^{-11}$

$$(i) -7.904401 \times 10^{-11} \quad (ii) -7.904401 \times 10^{-15}$$

$$(iii) -7.904401 \times 10^{-12} \quad (iv) -7.904401 \times 10^{-13}$$

$$(v) -7.904401 \times 10^{-14}$$

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## Assignment Key

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- 1) (i)
- 2) (v)
- 3) (i)
- 4) (iii)
- 5) (iv)
- 6) (ii)
- 7) (iv)
- 8) (iii)
- 9) (i)
- 10) (iii)
- 11) (ii)
- 12) (iv)