

EduSahara™ Learning Center Assignment

Grade : Class VII, CBSE
Chapter : Exponents and Powers
Name : Representing Numbers in Standard Form
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1. Write the given number in usual form 2.76042×10^{11}

- (i) 27604200000000 (ii) 276042000000 (iii) 2760420000
(iv) 27604200000 (v) 2760420000000
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2. Write the given number in usual form 8.863647×10^{-5}

- (i) 0.00008863647 (ii) 0.0008863647 (iii) 0.0000008863647
(iv) 0.000008863647 (v) 0.008863647
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3. Write the given number in usual form -6.724108×10^7

- (i) -6724108000 (ii) -6724108 (iii) -672410.80000000004657
(iv) -672410800 (v) -67241080
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4. Write the given number in usual form -8.251165×10^{-4}

- (i) -0.008251165 (ii) -0.0008251165 (iii) -0.00008251165
(iv) -0.000008251165 (v) -0.08251165
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5. Represent the given large number in scientific form 59599970000

- (i) 5.959997×10^{11} (ii) 5.959997×10^8
(iii) 5.959997×10^{12} (iv) 5.959997×10^{10}
(v) 5.959997×10^9
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6. Represent the given small number in scientific form 0.000006141269

- (i) 6.141269×10^{-8} (ii) 6.141269×10^{-4}
(iii) 6.141269×10^{-5} (iv) 6.141269×10^{-6}
(v) 6.141269×10^{-7}
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7. Represent the given large number in scientific form -94284870

- (i) -9.428487×10^9 (ii) -9.428487×10^7
(iii) -9.428487×10^8 (iv) -9.428487×10^6
(v) -9.428487×10^5
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8. Represent the given small number in scientific form -0.04095302

- (i) -4.095302×10^{-3} (ii) -4.095302
(iii) -4.095302×10^{-4} (iv) -4.095302×10^{-2}
(v) -4.095302×10^{-1}
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9. Represent the given large number in standard form 813589500000×10^6

- (i) 8.135895×10^{15} (ii) 8.135895×10^{17}
(iii) 8.135895×10^{19} (iv) 8.135895×10^{16}
(v) 8.135895×10^{18}
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10. Represent the given small number in standard form $0.8987523 \times 10^{-11}$

- (i) 8.987523×10^{-12} (ii) 8.987523×10^{-13}
(iii) 8.987523×10^{-11} (iv) 8.987523×10^{-14}
(v) 8.987523×10^{-10}
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11. Represent the given large number in standard form -2676755×10^2

(i) -2.676755×10^9 (ii) -2.676755×10^{10}

(iii) -2.676755×10^7 (iv) -2.676755×10^6

(v) -2.676755×10^8

12. Represent the given small number in standard form -2.76529×10^{-10}

(i) -2.76529×10^{-12} (ii) -2.76529×10^{-8}

(iii) -2.76529×10^{-9} (iv) -2.76529×10^{-11}

(v) -2.76529×10^{-10}

Assignment Key

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