

EduSahara™ Learning Center Assignment**Grade : Class VII, SSC****Chapter : Exponents****Name : Representing Numbers in Standard Form****Licensed To : Teachers and Students for non-commercial use**

1. Write the given number in usual form 8.830628×10^7

- (i) 88306280 (ii) 8830628000 (iii) 883062800
(iv) 8830628 (v) 883062.80000000004657
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2. Write the given number in usual form 2.886372×10^{-5}

- (i) 0.0002886372 (ii) 0.00002886372 (iii) 0.000002886372
(iv) 0.002886372 (v) 0.0000002886372
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3. Write the given number in usual form -4.792616×10^7

- (i) -4792616000 (ii) -479261.59999999997672 (iii) -479261600
(iv) -47926160 (v) -4792616
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4. Write the given number in usual form -9.916973×10^{-3}

- (i) -0.09916973 (ii) -0.009916973 (iii) -0.9916973
(iv) -0.00009916973 (v) -0.0009916973
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5. Represent the given large number in scientific form 13490610000

- (i) 1.349061×10^{12} (ii) 1.349061×10^9
(iii) 1.349061×10^{10} (iv) 1.349061×10^8
(v) 1.349061×10^{11}
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6. Represent the given small number in scientific form 0.008354378

- (i) 8.354378×10^{-1} (ii) 8.354378×10^{-2}
(iii) 8.354378×10^{-4} (iv) 8.354378×10^{-5}
(v) 8.354378×10^{-3}
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7. Represent the given large number in scientific form -29497220000

- (i) -2.949722×10^9 (ii) -2.949722×10^{11}
(iii) -2.949722×10^{10} (iv) -2.949722×10^8
(v) -2.949722×10^{12}
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8. Represent the given small number in scientific form -0.03604717

- (i) -3.604717×10^{-3} (ii) -3.604717×10^{-1}
(iii) -3.604717×10^{-2} (iv) -3.604717×10^{-4}
(v) -3.604717
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9. Represent the given large number in standard form 480651500×10^4

- (i) 4.806515×10^{10} (ii) 4.806515×10^{12}
(iii) 4.806515×10^{11} (iv) 4.806515×10^{13}
(v) 4.806515×10^{14}
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10. Represent the given small number in standard form 7.166277×10^{-11}

- (i) 7.166277×10^{-9} (ii) 7.166277×10^{-13}
(iii) 7.166277×10^{-11} (iv) 7.166277×10^{-12}
(v) 7.166277×10^{-10}
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11. Represent the given large number in standard form -65861880000×10^5

(i) -6.586188×10^{15} (ii) -6.586188×10^{17}

(iii) -6.586188×10^{14} (iv) -6.586188×10^{13}

(v) -6.586188×10^{16}

12. Represent the given small number in standard form $-0.00009137566 \times 10^{-6}$

(i) -9.137566×10^{-9} (ii) $-9.137566 \times 10^{-12}$

(iii) $-9.137566 \times 10^{-10}$ (iv) $-9.137566 \times 10^{-11}$

(v) $-9.137566 \times 10^{-13}$

Assignment Key

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