

EduSahara™ Learning Center Assignment

Grade : Class VIII, SSC
Chapter : Exponents and Powers
Name : Representing Numbers in Standard Form
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1. Write the given number in usual form 5.495832×10^8

- (i) 5495832000 (ii) 5495832 (iii) 54958320000
(iv) 549583200 (v) 54958320
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2. Write the given number in usual form 1.376836×10^{-5}

- (i) 0.0001376836 (ii) 0.0000001376836 (iii) 0.00001376836
(iv) 0.000001376836 (v) 0.001376836
-

3. Write the given number in usual form -8.493448×10^8

- (i) -849344800 (ii) -84934480 (iii) -8493448000
(iv) -84934480000 (v) -8493448
-

4. Write the given number in usual form -7.213013×10^{-3}

- (i) -0.00007213013 (ii) -0.007213013 (iii) -0.0007213013
(iv) -0.7213013 (v) -0.07213013
-

5. Represent the given large number in scientific form 94938110000

- (i) 9.493811×10^9 (ii) 9.493811×10^8
(iii) 9.493811×10^{12} (iv) 9.493811×10^{11}
(v) 9.493811×10^{10}
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6. Represent the given small number in scientific form 2.425649

(i) 2.425649×10^{-2} (ii) 2.425649×10^2

(iii) 2.425649 (iv) 2.425649×10^{-1}

(v) 2.425649×10

7. Represent the given large number in scientific form -7364871000

(i) -7.364871×10^8 (ii) -7.364871×10^{11}

(iii) -7.364871×10^9 (iv) -7.364871×10^{10}

(v) -7.364871×10^7

8. Represent the given small number in scientific form -0.8507176

(i) -8.507176×10^{-1} (ii) -8.507176

(iii) -8.507176×10^{-3} (iv) -8.507176×10

(v) -8.507176×10^{-2}

9. Represent the given large number in standard form 7834846×10^4

(i) 7.834846×10^8 (ii) 7.834846×10^{11}

(iii) 7.834846×10^9 (iv) 7.834846×10^{12}

(v) 7.834846×10^{10}

10. Represent the given small number in standard form $0.0008361284 \times 10^{-7}$

(i) 8.361284×10^{-13} (ii) 8.361284×10^{-10}

(iii) 8.361284×10^{-12} (iv) 8.361284×10^{-9}

(v) 8.361284×10^{-11}

11. Represent the given large number in standard form -43724920000×10^4

(i) -4.372492×10^{14} (ii) -4.372492×10^{13}

(iii) -4.372492×10^{15} (iv) -4.372492×10^{12}

(v) -4.372492×10^{16}

12. Represent the given small number in standard form $-0.000722211 \times 10^{-6}$

(i) -7.22211×10^{-9} (ii) -7.22211×10^{-10}

(iii) -7.22211×10^{-11} (iv) -7.22211×10^{-12}

(v) -7.22211×10^{-8}

Assignment Key

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