EduSahara™ Assignment

Name : Factors and Multiples

Chapter : Playing with Numbers

Grade : SSC Grade VIII

License : Non Commercial Use

1. The factors of 99 =

   (i) {1,3,9,11,33,99,2} (ii) {1,3,9,11,33,99} (iii) {1,3,9,11,33,99,4,32} (iv) {1,3,9,33,2,10}

   (v) {1,3,9,33,99,4}

2. The factors of 72 =

   (i) {1,2,3,4,6,8,9,12,18,24,36,72} (ii) {1,2,3,4,6,8,9,12,18,24,36,72,37,10}

   (iii) {1,2,3,4,6,8,12,18,24,36,7,37} (iv) {1,2,4,6,8,9,12,18,24,36,72,10}

3. The factors of 5 =

   (i) {2,4} (ii) {1,5} (iii) {1,5,2,4} (iv) {5,2} (v) {1,5,2}

4. The factors of 14 =

   (i) {1,2,7,14,8} (ii) {2,7,14,3} (iii) {1,2,7,14,13,8} (iv) {1,2,7,14} (v) {7,14,13,2}

5. The multiples of 7 =

   (i) {7,14,21,28,35,22} (ii) {7,14,21,28,35,42,34} (iii) {7,14,21,28,35,42} (iv) {7,21,28,42,6,29}

   (v) {7,14,21,28,35,42,22,6}

6. The multiples of 16 =

   (i) {16,32,48,64,80,96,15,31} (ii) {16,32,48,64,80,96,31} (iii) {16,32,48,64,80,96}

   (iv) {16,32,48,80,96,49} (v) {16,48,64,96,31,15}

7. The multiples of 3 =

   (i) {3,6,9,12,15,18,14} (ii) {3,6,9,12,15,18,14,5} (iii) {3,6,9,12,15,18} (iv) {3,6,12,15,18,11}

   (v) {3,6,12,15,14,11}

8. The multiples of 6 =

   (i) {12,18,30,36,29,11} (ii) {6,12,18,24,30,36,29,23} (iii) {6,12,18,24,36,5} (iv) {6,12,18,24,30,36}

   (v) {6,12,18,24,30,36,29}

9. The factors of 79 =

   (i) {1,79} (ii) {1,79,2,78} (iii) {79,2} (iv) {78,2} (v) {1,79,78}

10. The factors of 24 =

    (i) {1,2,3,4,6,8,12,23} (ii) {1,2,3,4,6,8,12,24} (iii) {1,2,3,4,6,8,12,24,23,5} (iv) {1,3,4,8,12,24,7,5}

    (v) {1,2,3,4,6,8,12,24,23}

11. The factors of 19 =

    (i) {19,2} (ii) {1,19} (iii) {1,19,18} (iv) {1,19,18,2} (v) {2,18}

12. The factors of 32 =

(i) {1,2,4,16,32} (ii) {1,2,4,16,31,15} (iii) {1,2,4,8,16,32,5} (iv) {1,2,4,8,16,32,31,5}

(v) {1,2,4,8,16,32}

13. The multiples of 19 =

(i) {38,57,76,95,96,115} (ii) {19,38,57,76,95,114} (iii) {19,38,57,76,95,114,37}

(iv) {19,38,57,76,95,114,37,96} (v) {19,38,57,76,114,56}

14. The multiples of 10 =

(i) {10,30,50,60,31,41} (ii) {10,20,40,50,60,31} (iii) {10,20,30,40,50,60,11} (iv) {10,20,30,40,50,60}

(v) {10,20,30,40,50,60,51,31}

15. The multiples of 19 =

(i) {19,38,57,76,95,114,56} (ii) {38,76,95,114,39,75} (iii) {19,38,57,76,95,114,20,56}

(iv) {19,57,76,95,114,75} (v) {19,38,57,76,95,114}

16. The multiples of 12 =

(i) {12,36,60,72,73,23} (ii) {12,24,36,48,60,72,73} (iii) {12,24,36,48,60,72,59,73}

(iv) {12,24,36,48,60,72} (v) {12,36,48,60,72,73}

## Assignment Key

| | | | | | |
|---|---|---|---|---|---|
| 1) (ii) | 2) (i) | 3) (ii) | 4) (iv) | 5) (iii) | 6) (iii) |
| 7) (iii) | 8) (iv) | 9) (i) | 10) (ii) | 11) (ii) | 12) (v) |
| 13) (ii) | 14) (iv) | 15) (v) | 16) (iv) | | |

Copyright © Small Systems Computing Pvt. Ltd.