



1. The factors of 33 =

- (i) {11,33,2,12} (ii) {1,3,11,33,12} (iii) {1,3,11,33,32,12} (iv) {1,3,33,32} (v) {1,3,11,33}

2. The factors of 42 =

- (i) {1,2,3,6,7,21,42,13} (ii) {2,3,6,7,14,42,13,1} (iii) {1,2,3,6,7,14,21,42,8,20} (iv) {1,2,3,6,7,14,21,42} (v) {1,2,3,6,7,14,21,42,20}

3. The factors of 59 =

- (i) {1,59,58} (ii) {2,58} (iii) {1,59} (iv) {59,2} (v) {1,59,2,58}

4. The factors of 30 =

- (i) {1,2,3,5,6,10,15,30,4} (ii) {3,5,6,10,15,30,7,2} (iii) {1,2,3,6,10,15,30} (iv) {1,2,3,5,6,10,15,30} (v) {1,2,3,5,6,10,15,30,29,4}

5. The multiples of 7 =

- (i) {7,14,21,28,35,42} (ii) {7,14,28,35,36,6} (iii) {7,21,28,35,42,36} (iv) {7,14,21,28,35,42,41,36} (v) {7,14,21,28,35,42,13}

6. The multiples of 12 =

- (i) {12,24,36,48,60,72,61,13} (ii) {12,24,36,48,60,72,25} (iii) {12,24,36,60,61,13} (iv) {12,24,36,48,60,72} (v) {12,24,36,48,72,13}

7. The multiples of 11 =

- (i) {11,22,33,44,55,66,12,65} (ii) {22,33,44,55,66,54} (iii) {22,33,44,66,65,45} (iv) {11,22,33,44,55,66} (v) {11,22,33,44,55,66,54}

8. The multiples of 4 =

- (i) {4,12,16,20,24,5} (ii) {4,8,12,16,20,24} (iii) {4,8,12,16,20,24,19,5} (iv) {8,12,16,20,15,13} (v) {4,8,12,16,20,24,19}

9. Find all common factors of 11 and 39

- (i) {1,11} (ii) {11} (iii) {1,39} (iv) {1} (v) {13}

10. Find all common factors of 36 , 44 and 46

- (i) {1,2} (ii) {1,2,3} (iii) {2,11} (iv) {1,36} (v) {1,2,44}

11. Find all common factors of 31 and 29

- (i) {1} (ii) {1,29} (iii) {1,31} (iv) {29} (v) {31}

12. Find all common factors of 18 , 44 and 20

- (i) {1,2} (ii) {1,2,11} (iii) {2,6} (iv) {1,44} (v) {1,2,9}

13. The common multiples of 5 and 9 =

- (i) {45,135,180,325} (ii) {45,135,180,196} (iii) {45,90,180,251} (iv) {45,135,180,59}
- (v) {45,90,135,180}

14. The common multiples of 8 , 2 and 6 =

- (i) {24,48,77} (ii) {24,72,167} (iii) {24,48,72} (iv) {48,72,45} (v) {24,72,121}

15. The common multiples of 7 and 3 =

- (i) {21,42,84,105,127} (ii) {21,63,84,105,188} (iii) {21,42,63,84,105} (iv) {21,63,84,105,4}
- (v) {42,63,84,105,11}

16. The common multiples of 4 , 6 and 9 =

- (i) {36,108,144,137} (ii) {36,72,144,205} (iii) {36,108,144,21} (iv) {36,72,108,15}
- (v) {36,72,108,144}

## Assignment Key

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