



1. The factors of 81 =

- (i) {9,27,81,80,8} (ii) {1,3,9,81,28} (iii) {1,3,9,27,81} (iv) {1,3,9,27,81,80,28} (v) {1,3,9,27,81,28}

2. The factors of 72 =

- (i) {1,2,3,4,6,8,9,12,18,36,72} (ii) {1,2,3,4,6,8,9,12,18,24,36,72} (iii) {1,2,3,4,6,8,9,12,18,24,36,72,71,13}  
(iv) {1,2,3,4,6,8,9,24,36,72,23,7} (v) {1,2,3,4,6,8,9,12,18,24,36,72,23}

3. The factors of 89 =

- (i) {1,89,2,88} (ii) {1,89} (iii) {1,88} (iv) {1,89,2} (v) {2,88}

4. The factors of 9 =

- (i) {1,3,9,2,8} (ii) {1,8,2} (iii) {1,3,9} (iv) {3,9,2} (v) {1,3,9,8}

5. Find all common factors of 29 and 43

- (i) {1,29} (ii) {29} (iii) {1,43} (iv) {1} (v) {43}

6. Find all common factors of 48 , 30 and 50

- (i) {2,48} (ii) {1,15} (iii) {1,2,4} (iv) {1,2} (v) {1,2,30}

7. Find all common factors of 11 and 29

- (i) {1,11} (ii) {29} (iii) {1,29} (iv) {11} (v) {1}

8. Find all common factors of 27 , 9 and 32

- (i) {1,27} (ii) {27} (iii) {0} (iv) {1} (v) {1,0}

9. The factors of 19 =

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

10. The factors of 36 =

- (i) {1,2,3,4,6,9,12,18,36,19,13} (ii) {1,2,3,4,6,9,12,18,36} (iii) {1,2,3,6,9,18,36,19,35}  
(iv) {1,2,3,4,6,9,18,36,7} (v) {1,2,3,4,6,9,12,18,36,8}

11. The factors of 31 =

- (i) {1,2} (ii) {30,2} (iii) {1,31} (iv) {1,31,2} (v) {1,31,2,30}

12. The factors of 8 =

- (i) {1,2,4,8,3} (ii) {1,2,8,3} (iii) {2,4,1,7} (iv) {1,2,4,8} (v) {1,2,4,8,3,7}

13. Find all common factors of 19 and 45

- (i) {1,9} (ii) {1} (iii) {9} (iv) {19} (v) {1,19}

14. Find all common factors of 42 , 48 and 28

(i) {1,2,42} (ii) {1,42} (iii) {2,48} (iv) {1,2} (v) {1,2,24}

15. Find all common factors of 41 and 23

(i) {1} (ii) {1,41} (iii) {41} (iv) {1,23} (v) {23}

16. Find all common factors of 14 , 12 and 48

(i) {2,14} (ii) {1,2} (iii) {1,2,14} (iv) {1,0} (v) {1,2,0}

## Assignment Key

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