



1. The factors of 13 =

- (i) {1,2} (ii) {1,13,2} (iii) {1,13} (iv) {1,13,12,2} (v) {2,12}

2. The factors of 30 =

- (i) {1,2,3,5,6,15,30} (ii) {1,2,3,5,6,10,15,30,16,9} (iii) {1,2,3,5,6,10,15,30} (iv) {2,3,5,6,15,30,16,4}

3. The factors of 29 =

- (i) {1,29,2,28} (ii) {1,29} (iii) {1,29,2} (iv) {29,2} (v) {28,2}

4. The factors of 21 =

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

5. Find all common factors of 7 and 11

- (i) {1,11} (ii) {11} (iii) {1} (iv) {1,7} (v) {7}

6. Find all common factors of 2 , 44 and 14

- (i) {1,2,0} (ii) {1,2} (iii) {1,2,44} (iv) {2,4} (v) {1,0}

7. Find all common factors of 47 and 29

- (i) {47} (ii) {29} (iii) {1,47} (iv) {1,29} (v) {1}

8. Find all common factors of 20 , 21 and 4

- (i) {1,5} (ii) {21} (iii) {20} (iv) {1} (v) {1,3}

9. Find the HCF of {16,14}

- (i) (-1) (ii) 2 (iii) 1 (iv) 3 (v) 4

10. Find the HCF of {32,45}

- (i) 2 (ii) (-1) (iii) 3 (iv) 1 (v) 0

11. Find the HCF of {12,44,33}

- (i) 0 (ii) 2 (iii) 3 (iv) 1 (v) (-1)

12. Find the HCF of {48,32,26,12}

- (i) 0 (ii) 1 (iii) 4 (iv) 2 (v) 3

13. Find the HCF of {840,420}

- (i) 421 (ii) 423 (iii) 418 (iv) 419 (v) 420

14. Find the HCF of {456,300}

- (i) 9 (ii) 12 (iii) 14 (iv) 13 (v) 11

15. Find the HCF of {640,460,120}

- (i) 21 (ii) 19 (iii) 23 (iv) 20 (v) 18

16. Find the HCF of {180,220,720,980}

- (i) 18 (ii) 20 (iii) 19 (iv) 22 (v) 21

17. Find the product of LCM and HCF of {8,6}

- (i) 45 (ii) 48 (iii) 49 (iv) 47 (v) 51

18. Find the product of LCM and HCF of {16,26}

- (i) 419 (ii) 415 (iii) 417 (iv) 413 (v) 416

19. Find the product of LCM and HCF of {10,20,15}

- (i) 301 (ii) 300 (iii) 298 (iv) 303 (v) 299

20. Find the product of LCM and HCF of {18,16,10,25}

- (i) 3599 (ii) 3603 (iii) 3597 (iv) 3601 (v) 3600

21. The simplest form of the fraction $\frac{130}{520}$ is

- (i) $(-\frac{1}{4})$ (ii) $\frac{1}{2}$ (iii) $\frac{3}{4}$ (iv) $\frac{1}{6}$ (v) $\frac{1}{4}$

22. Reduce the fraction $\frac{5376}{8448}$

- (i) $\frac{7}{13}$ (ii) $\frac{9}{11}$ (iii) $\frac{7}{11}$ (iv) $\frac{5}{11}$ (v) $\frac{7}{9}$

Assignment Key

1) (iii)	2) (iii)	3) (ii)	4) (iv)	5) (iii)	6) (ii)
7) (v)	8) (iv)	9) (ii)	10) (iv)	11) (iv)	12) (iv)
13) (v)	14) (ii)	15) (iv)	16) (ii)	17) (ii)	18) (v)
19) (ii)	20) (v)	21) (v)	22) (iii)		