

EduSahara™ Learning Center Assignment**Grade : Class VI, CBSE****Chapter : Playing with Numbers****Name : HCF****Licensed To : Teachers and Students for non-commercial use**

1. Find all common factors of 3 and 7

(i) {7} (ii) {3} (iii) {1,3} (iv) {1,7} (v) {1}

2. Find all common factors of 26 , 40 and 18

(i) {1,2,4} (ii) {2,13} (iii) {1,2} (iv) {1,2,26} (v) {1,4}

3. Find all common factors of 23 and 43

(i) {1,43} (ii) {23} (iii) {1,23} (iv) {1} (v) {43}

4. Find all common factors of 4 , 45 and 40

(i) {1} (ii) {1,15} (iii) {9} (iv) {0} (v) {1,0}

5. Find the HCF of {12,16}

(i) 1 (ii) 7 (iii) 5 (iv) 3 (v) 4

6. Find the HCF of {25,44}

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

7. Find the HCF of {33,6,48}

(i) 0 (ii) 5 (iii) 2 (iv) 3 (v) 4

8. Find the HCF of {24,22,15,45}

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

9. Find the HCF of {240,1020}

(i) 59 (ii) 61 (iii) 63 (iv) 57 (v) 60

10. Find the HCF of {340,920}

(i) 20 (ii) 17 (iii) 21 (iv) 23 (v) 19

11. Find the HCF of {248,16,376}

- (i) 7 (ii) 9 (iii) 8 (iv) 6 (v) 10
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12. Find the HCF of {336,168,180,192}

- (i) 14 (ii) 9 (iii) 13 (iv) 11 (v) 12
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13. Find all common factors of 21 and 47

- (i) {1,3} (ii) {47} (iii) {1} (iv) {3} (v) {1,47}
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14. Find all common factors of 18, 20 and 12

- (i) {1,2,20} (ii) {1,18} (iii) {1,2} (iv) {1,10} (v) {1,2,9}
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15. Find all common factors of 5 and 29

- (i) {5} (ii) {1} (iii) {1,5} (iv) {29} (v) {1,29}
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16. Find all common factors of 35, 20 and 39

- (i) {1,20} (ii) {35} (iii) {1} (iv) {20} (v) {1,7}
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17. Find the HCF of {6,8}

- (i) 3 (ii) 1 (iii) 2 (iv) 5 (v) 0
-

18. Find the HCF of {9,46}

- (i) 0 (ii) (-2) (iii) 2 (iv) 3 (v) 1
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19. Find the HCF of {14,20,26}

- (i) 1 (ii) 4 (iii) 2 (iv) 3 (v) (-1)
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20. Find the HCF of {24,26,21,39}

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

21. Find the HCF of {480,840}

- (i) 121 (ii) 119 (iii) 120 (iv) 122 (v) 117
-

22. Find the HCF of {2000,1920}

- (i) 81 (ii) 79 (iii) 77 (iv) 80 (v) 83
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23. Find the HCF of {816,600,960}

(i) 25 (ii) 27 (iii) 23 (iv) 22 (v) 24

24. Find the HCF of {1020,1740,1500,180}

(i) 61 (ii) 63 (iii) 59 (iv) 60 (v) 57

Assignment Key

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