

WORKʃHEET

Find the highest common factor, greatest common divisor, of the given positive integers.

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|--------------------------|---------------------------|--------------------------|--------------------------|
| 1. $\text{hcf}(28, 84)$ | 13. $\text{hcf}(70, 16)$ | 25. $\text{hcf}(78, 33)$ | 37. $\text{hcf}(68, 64)$ |
| 2. $\text{hcf}(84, 32)$ | 14. $\text{hcf}(40, 18)$ | 26. $\text{hcf}(91, 7)$ | 38. $\text{hcf}(77, 70)$ |
| 3. $\text{hcf}(40, 12)$ | 15. $\text{hcf}(75, 69)$ | 27. $\text{hcf}(88, 58)$ | 39. $\text{hcf}(2, 54)$ |
| 4. $\text{hcf}(85, 20)$ | 16. $\text{hcf}(96, 56)$ | 28. $\text{hcf}(74, 36)$ | 40. $\text{hcf}(80, 72)$ |
| 5. $\text{hcf}(86, 26)$ | 17. $\text{hcf}(9, 33)$ | 29. $\text{hcf}(42, 39)$ | 41. $\text{hcf}(54, 92)$ |
| 6. $\text{hcf}(30, 64)$ | 18. $\text{hcf}(91, 35)$ | 30. $\text{hcf}(39, 27)$ | 42. $\text{hcf}(24, 80)$ |
| 7. $\text{hcf}(88, 72)$ | 19. $\text{hcf}(20, 5)$ | 31. $\text{hcf}(82, 8)$ | 43. $\text{hcf}(34, 46)$ |
| 8. $\text{hcf}(60, 30)$ | 20. $\text{hcf}(46, 38)$ | 32. $\text{hcf}(4, 2)$ | 44. $\text{hcf}(72, 48)$ |
| 9. $\text{hcf}(38, 14)$ | 21. $\text{hcf}(56, 62)$ | 33. $\text{hcf}(75, 80)$ | 45. $\text{hcf}(18, 75)$ |
| 10. $\text{hcf}(8, 78)$ | 22. $\text{hcf}(18, 88)$ | 34. $\text{hcf}(44, 80)$ | 46. $\text{hcf}(30, 75)$ |
| 11. $\text{hcf}(18, 12)$ | 23. $\text{hcf}(60, 39)$ | 35. $\text{hcf}(30, 52)$ | 47. $\text{hcf}(70, 20)$ |
| 12. $\text{hcf}(66, 78)$ | 24. $\text{hcf}(100, 12)$ | 36. $\text{hcf}(44, 58)$ | 48. $\text{hcf}(98, 48)$ |

ANSʃWERS

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|------------------------------|-------------------------------|------------------------------|-------------------------------|
| 1. $\text{hcf}(28, 84) = 28$ | 13. $\text{hcf}(70, 16) = 2$ | 25. $\text{hcf}(78, 33) = 3$ | 37. $\text{hcf}(68, 64) = 4$ |
| 2. $\text{hcf}(84, 32) = 4$ | 14. $\text{hcf}(40, 18) = 2$ | 26. $\text{hcf}(91, 7) = 7$ | 38. $\text{hcf}(77, 70) = 7$ |
| 3. $\text{hcf}(40, 12) = 4$ | 15. $\text{hcf}(75, 69) = 3$ | 27. $\text{hcf}(88, 58) = 2$ | 39. $\text{hcf}(2, 54) = 2$ |
| 4. $\text{hcf}(85, 20) = 5$ | 16. $\text{hcf}(96, 56) = 8$ | 28. $\text{hcf}(74, 36) = 2$ | 40. $\text{hcf}(80, 72) = 8$ |
| 5. $\text{hcf}(86, 26) = 2$ | 17. $\text{hcf}(9, 33) = 3$ | 29. $\text{hcf}(42, 39) = 3$ | 41. $\text{hcf}(54, 92) = 2$ |
| 6. $\text{hcf}(30, 64) = 2$ | 18. $\text{hcf}(91, 35) = 7$ | 30. $\text{hcf}(39, 27) = 3$ | 42. $\text{hcf}(24, 80) = 8$ |
| 7. $\text{hcf}(88, 72) = 8$ | 19. $\text{hcf}(20, 5) = 5$ | 31. $\text{hcf}(82, 8) = 2$ | 43. $\text{hcf}(34, 46) = 2$ |
| 8. $\text{hcf}(60, 30) = 30$ | 20. $\text{hcf}(46, 38) = 2$ | 32. $\text{hcf}(4, 2) = 2$ | 44. $\text{hcf}(72, 48) = 24$ |
| 9. $\text{hcf}(38, 14) = 2$ | 21. $\text{hcf}(56, 62) = 2$ | 33. $\text{hcf}(75, 80) = 5$ | 45. $\text{hcf}(18, 75) = 3$ |
| 10. $\text{hcf}(8, 78) = 2$ | 22. $\text{hcf}(18, 88) = 2$ | 34. $\text{hcf}(44, 80) = 4$ | 46. $\text{hcf}(30, 75) = 15$ |
| 11. $\text{hcf}(18, 12) = 6$ | 23. $\text{hcf}(60, 39) = 3$ | 35. $\text{hcf}(30, 52) = 2$ | 47. $\text{hcf}(70, 20) = 10$ |
| 12. $\text{hcf}(66, 78) = 6$ | 24. $\text{hcf}(100, 12) = 4$ | 36. $\text{hcf}(44, 58) = 2$ | 48. $\text{hcf}(98, 48) = 2$ |